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Department of
Agriculture

43 Agricultural
Marketing
Service

Dairy Division

FMOS-268

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5 Federal Milk Order Market Statistics for April 1982

Highlights

- Minimum Class I Price, \$14.61 Blend, \$13.39
- Producer Deliveries Up 0.9 Percent
- Producer Milk Used in Class I-Up 0.5 percent
- 44 Percent of Deliveries Used in Class I
- In-Area Fluid Sales (Adjusted)-Down 1.2 Percent



Special This Issue

Adjusting In-Area Fluid Milk Sales For Calendar Composition

The Minnesota-Wisconsin Manufacturing Grade Milk Price Series

Measures of Growth in Federal Milk Order Markets, 1947-81

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F E D E R A L M I L K O R D E R M A R K E T S T A T I S T I C S
SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of Markets	Average number of producers	Producer deliveries	Average daily deliveries per producer	Producer deliveries	Average daily deliveries used in Class I	Producer deliveries	Average daily deliveries used in Class I	Class I utilization	Prices per hundredweight
			Total	change 1/	Total	Total	Total	Percent change 1/	Class I utilization	Class I utilization
			Bil. lbs.		Pounds	Bil. lbs.	Pounds		Percent	-Dollars-
1977	47	122,755	77.9	4.8	1,740	41.1	.6	53	10.59	9.69
1978	47	119,326	78.1	.2	1,793	41.1	0	53	11.40	10.57
1979	47	116,447	79.4	1.7	1,870	41.0	-.3	52	12.88	11.97
1980	47	117,518	84.0	5.5	1,953	41.0	-.2	49	13.77	12.86
1981	48	119,556	88.0	5.0	2,021	40.7	-.4	46	14.69	13.63

Year and month	Number of comp. mkt. s. 2/ producers	Producer deliveries	Average daily deliveries	Producer deliveries	Average daily deliveries used in Class I	Class I utilization	Prices per hundredweight
		Total	Percent	Total	Percent	Total	Class I utilization
		Total	change 1/	Total	Per producer	Total	Class I utilization
1982							
Jan.	46	120,460	7.5	3.3	241.5	3.5	-.3
Feb.	46	119,776	6.9	2.8	247.2	2,064	3.2
Mar.	46	119,556	7.9	2.3	254.8	2,131	3.6
Apr.	46	119,472	7.8	.9	259.9	2,175	3.4
May							
June							
July							
Aug.							
Sept.							
Oct.							
Nov.							
Dec.							
Year to date	---	119,816	30.1	2.3	250.9	2,094	13.7
3/							

4

1/ Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1980 adjusted to a 365-day basis before computing percent changes.
 2/ Based on comparable markets--orders which were effective entire period, 1981-82, and which have had no significant marketing area changes. Excludes Neosho Valley and Southwestern Idaho-Eastern Oregon.
 3/ Average or total. May not add due to rounding.

SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.
 3/ Plain, solids added, and flavored lowfat
 4/ Light, heavy, and sour cream, and cream
 5/ Includes cream and yogurt

b/ Includes eggnog and yogurt.
b/ Represents changes over the previous year.
Data for 1980 adjusted to a 365-day basis before computing percent changes.

7/ In 1978, there were changes in the reporting of the sales of these items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except for New York-New Jersey and Southwestern Idaho-Eastern Oregon.

SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Num- ber of mktcs.:	Butter- Percent Total :Change: 3/ : Bf.:	Cheese- Percent Total :Change: 3/ : Bf.:	Frozen desserts- Percent Total :Change: 3/ : Bf.:	Cottage cheese- Percent Total :Change: 3/ : Bf.:	Nonfat dry milk- Percent Total :Change: 3/ : Bf.:	Total 2/ Percent Total :Change: 3/ : Bf.:
		Mil. Lbs.	Mil. Lbs.	Mil. Lbs.	Mil. Lbs.	Mil. Lbs.	Mil. Lbs.
1978	47	1,198 - 6.0 38.0	18,035 8.9 3.78	2,839 - .6 12.2	3,983 - 9.7 1.02	6,553 - 12.9 .11	38,721 .8 4.38
1979	47	1,156 - 1.9 38.7	20,166 10.4 3.74	2,745 .2 12.6	3,899 10.2 1.15	6,127 - 6.5 .12	40,404 4.3 4.38
1980	47	1,315 17.3 40.0	22,723 12.5 3.74	2,837 1.0 12.4	4,099 12.6 1.23	8,081 31.6 .14	45,284 10.0 4.31
1981	48	1,437 9.6 40.0	25,302 10.9 3.72	2,906 1.3 12.2	4,018 - 5.0 1.19	9,455 16.3 .10	49,750 8.2 4.23
1982 4/	46	148 9.7 40.4	1,852 5.2 3.87	151 - 5.5 13.6	246 - 5.0 1.27	773 21.2 .09	3,559 5.1 4.68
		131 11.9 41.5	1,762 5.9 3.79	177 .4 13.0	258 - .1 1.27	766 22.9 .08	3,467 6.9 4.56
		138 9.7 40.6	2,069 4.9 3.77	239 5.6 12.4	301 - .5 1.27	853 12.0 .07	4,067 6.4 4.44
May							
June							
July							
Aug.							
Sept.							
Oct.							
Nov.							
Dec.							
Year to date		417 10.4 40.8	5,682 5.3 3.81	567 .6 12.9	806 - 1.8 1.27	2,393 18.3 .08	11,093 6.1 4.55

1/ Includes producer milk and some other source milk used to produce manufactured pool plants as well as milk diverted and shipped to nonorder plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products: i.e., evaporated milk; condensed milk; whole milk powder; aerated, frozen, and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed; dumped or spilled; plant loss; and unidentified.

3/ Represents changes over the previous years. These changes are based on pounds of butterfat, except for nonfat dry milk which is based on pounds of skim milk. Data for 1980 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey and Southwestern Idaho-Eastern Oregon.

SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mktcs.	Whole milk items 2/		Lowfat and skim milk items 3/		Total fluid milk items					
		Sales	Percent Change 4/	Sales	Percent Change 4/	Sales	Percent Change 4/				
		Total	Adj. 5/	Bf.	Total	Adj. 5/	Total	Adj. 5/	Total	Adj. 5/	Bf.
<u>Mil. lbs.</u>											
1978	47	25,511	- 2.7	- 3.5	3.34	14,205	4.7	5.1	1.48	39,716	39,828
1979	47	24,784	- 2.9	- 3.2	3.33	14,838	4.5	4.2	1.48	39,621	39,597
1980	47	23,852	- 4.0	- 4.0	3.32	15,585	4.7	4.7	1.49	39,436	39,322
1981 6/	47	22,960	- 3.5	- 3.5	3.32	16,048	3.3	3.3	1.51	39,007	38,991
<u>Mil. lbs.</u>											
<u>1982 7/</u>											
Jan.	46	1,645	- 5.1	- 1.9	3.31	1,326	- 1.4	1.4	1.55	2,971	2,830
Feb.	46	1,494	- 2.5	- 2.5	3.30	1,225	.6	.6	1.54	2,719	2,846
Mar.	46	1,640	- 1.0	- 3.4	3.30	1,368	2.3	-	1.53	3,008	2,832
Apr.	46	1,575	- 1.2	- 3.0	3.29	1,305	2.0	1.0	1.54	2,880	2,852
May											
June											
July											
Aug.											
Sept.											
Oct.											
Nov.											
Dec.											
Year to date	---	6,354	- 2.5	- 2.7	3.30	5,224	.9	.6	1.54	11,578	11,361

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for

1980 are adjusted to a 365-day basis before computing percent changes.

4/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in this issue, page 39.

5/ Excludes Southwestern Idaho-Eastern Oregon.

6/ Excludes New York-New Jersey and Southwestern Idaho-Eastern Oregon. Data for current month are estimated.

MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1982

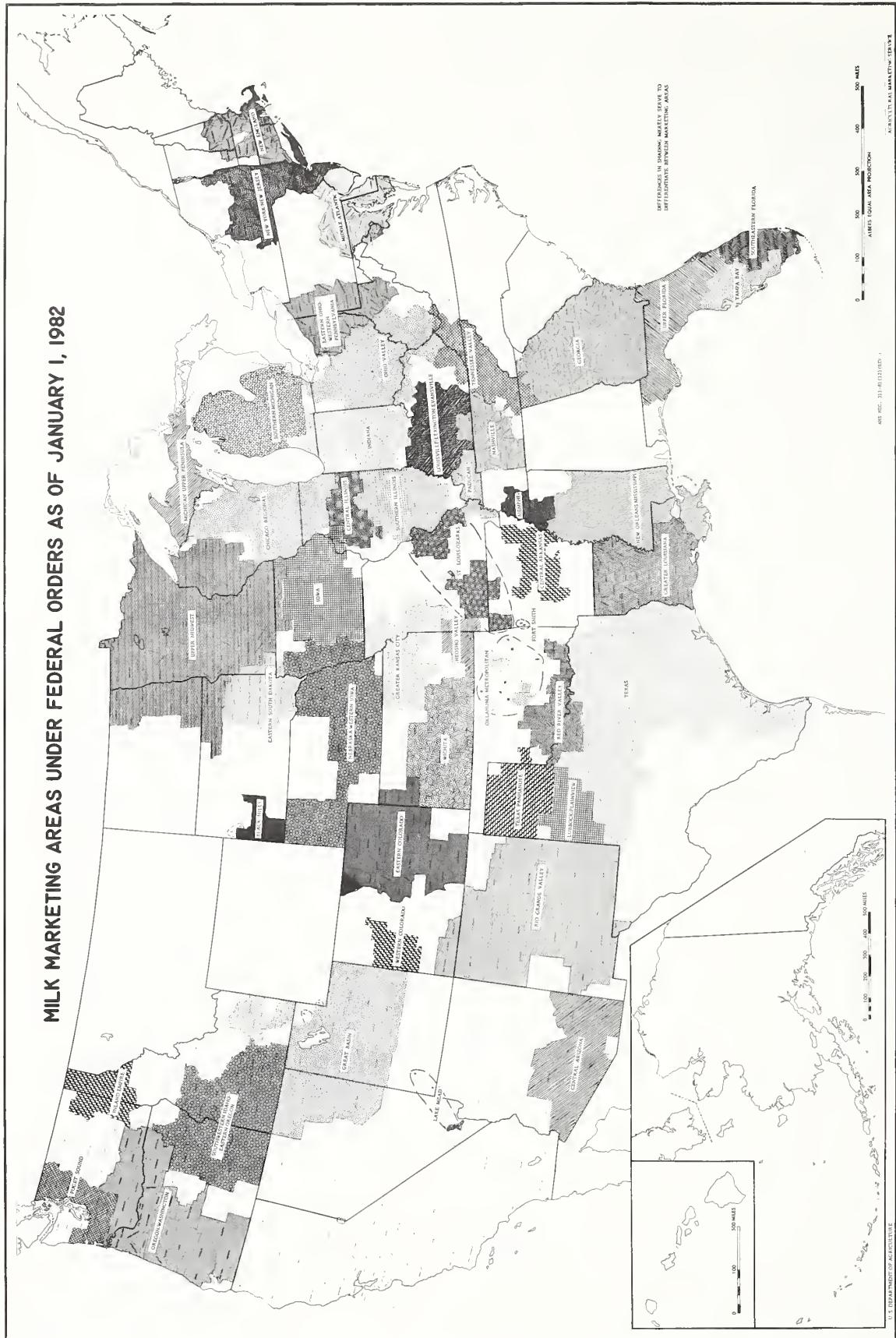


TABLE 1--FEDERAL ORDER FLUID (CLASS I) DIFFERENTIALS, MAY 1982 AND MINIMUM FEDERAL ORDER CLASS I PRICES, MAY AND JUNE 1982 AND 1981

Federal milk order marketing area	Fluid diff. 2/	Class I price		Federal milk order marketing area	Fluid diff. 2/	Class I price	
		May 1982	June 1981			May 1982	June 1981
<u>Dollars</u>							
NORTH ATLANTIC							
New England	3.00	15.45	15.59	15.45	15.56	14.55	14.77
New York-New Jersey	2.84	15.29	15.28	15.29	15.25	14.30	14.52
Middle Atlantic	2.78	15.23	15.45	15.23	15.42	14.15	14.37
SOUTH ATLANTIC							
Alabama-West Fla.	2.30	14.75	---	14.75	---	14.39	14.61
Georgia	2.30	14.75	14.97	14.75	14.94	14.40	14.62
Upper Florida	2.85	15.30	15.52	15.30	15.49	14.43	14.40
Tampa Bay	2.95	15.40	15.62	15.40	15.59	14.65	14.43
Southeastern Florida	3.15	15.60	15.82	15.60	15.79	14.65	14.87
EAST NORTH CENTRAL							
Michigan Upper Pen.	1.35	13.80	14.02	13.80	13.99	14.77	14.99
Southern Michigan	1.60	14.05	14.27	14.05	14.24	14.92	15.14
Eastern Ohio-W. Pa.	1.85	14.30	14.52	14.30	14.49	14.92	15.11
Ohio Valley	1.70	14.15	14.37	14.15	14.34	15.52	15.30
Indiana	1.53	13.98	14.20	13.98	14.17	14.87	15.06
Chicago Regional	1.26	13.71	13.93	13.71	13.90	14.75	14.96
Central Illinois	1.39	13.84	14.06	13.84	14.03	14.45	14.64
Southern Illinois	1.53	13.98	14.20	13.98	14.17	13.95	13.95
Louis.-Lex.-Evans.	1.70	14.15	14.37	14.15	14.34	14.35	14.54
WEST NORTH CENTRAL							
Upper Midwest	1.12	13.57	13.79	13.57	13.76	14.97	15.16
Eastern South Dakota:							
Black Hills	1.40	13.85	14.07	13.85	14.04	14.30	14.49
Iowa	1.95	14.40	14.62	14.40	14.59	PACIFIC	
Nebr.-Western Iowa	1.40	13.85	14.07	13.85	14.04	Puget Sound	
Greater Kansas City	1.60	14.05	14.27	14.05	14.24	Inland Empire	
St. Louis-Ozarks	1.74	14.19	14.41	14.19	14.38	Oregon-Washington	
Neosho Valley	1.60	14.05	14.27	14.05	14.24		
Wichita	1.65	14.10	14.32	14.10	14.29		
	1.80	14.25	14.47	14.25	14.44		

1/ Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on page 24 for these locations.

2/ The fluid differential is the amount added to the basic formula price to determine the Class I price. The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content. See Table 18.

3/ Tied to the St. Louis-Ozarks order.

4/ Tied to the Oklahoma Metropolitan order.

TABLE 2—FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERfat DIFFERENTIALS, APRIL, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA		PRICES PER HUNDREDWEIGHT			DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT		
		CLASS I	BLEND	CLASS II	CLASS III	CLASS I	CLASS II
APR	APR	APR	APR	APR	APR	APR	APR
1982	1982	1982	1982	1982	1982	1982	1982
NORTH ATLANTIC NEW ENGLAND <u>3/</u> NEW YORK-NEW JERSEY <u>4/</u> MIDDLE ATLANTIC <u>5/</u> REGIONAL AVERAGE	15.46 15.30 15.24 15.33	15.58 15.27 15.44 15.40	13.95 13.41 6/ 13.72 13.62	14.09 13.36 6/ 13.93 13.68	12.36 12.44 12.38	16.9 16.9 16.9 16.9	16.9 16.9 16.9 16.9
SOUTH ATLANTIC GEORGIA <u>7/</u> UPPER FLORIDA <u>8/</u> TAMPA BAY SOUTHEASTERN FLORIDA <u>9/</u> REGIONAL AVERAGE	14.76 15.31 15.41 15.61 15.18	14.96 15.51 15.61 15.81 15.41	14.15 14.90 15.07 15.32 14.68	14.33 15.00 15.26 15.49 14.89	12.59 12.60 12.60 12.60 12.60	12.45 12.45 12.45 10/ 6.59	16.9 16.9 16.9 16.9
EAST NORTH CENTRAL MICHIGAN-UPPER PENINSULA <u>11/</u> SOUTHERN MICHIGAN <u>13/</u> EAST-WEST PENNSYLVANIA <u>14/</u> OHIO VALLEY <u>15/</u> INDIANA <u>18/</u> CHICAGO REGIONAL <u>19/</u> CENTRAL ILLINOIS <u>20/</u> SOUTHERN ILLINOIS <u>21/</u> LOUISVILLE-LEXINGTON-EVANSVILLE REGIONAL AVERAGE	13.81 14.06 14.31 14.16 13.99 13.72 13.85 13.99 14.16 14.02	14.01 14.26 14.51 14.36 14.19 13.92 14.05 14.19 14.36 14.22	13.19 13.19 13.13 13.20 13.20 12.93 13.35 13.35 13.14 13.06	13.36 13.41 16/ 13.31 13.35 13.14 13.59 13.66 13.14 13.27	12.45 12.60 12.55 12.55 12.59 12.59 12.59 12.59 12.59 12.59	18.5 12.45 12.45 12.45 12.45 12.45 12.45 12.45 12.45 12.45	16.9 16.9 16.9 16.9 16.9 16.9 16.9 16.9 16.9 16.9
WEST NORTH CENTRAL UPPER MIDWEST <u>22/</u> EASTERN SOUTH DAKOTA <u>23/</u> BLACK HILLS <u>24/</u> IOWA <u>25/</u> NEBRASKA-WESTERN IOWA <u>26/</u> GREATER KANSAS CITY <u>27/</u> ST. LOUIS-OZARKS <u>28/</u> NEOSHIO VALLEY <u>29/</u> WICHITA <u>30/</u> REGIONAL AVERAGE <u>31/</u>	13.58 13.86 14.41 13.86 14.06 14.20 14.06 14.11 14.26 13.90	13.78 14.06 14.61 13.86 14.06 14.26 14.40 14.31 14.46 13.90	12.69 13.04 13.75 13.86 13.00 13.05 13.23 13.55 13.71 13.07	12.88 13.33 13.79 13.00 13.05 13.23 13.40 13.40 13.45 13.07	12.59 12.59 12.45 12.59 12.59 12.59 12.59 12.59 12.59 12.59	12.45 12.45 17.7 12.45 12.45 12.45 12.45 12.45 12.45 12.45	16.9 16.9 17.0 16.9 16.9 16.9 16.9 16.9 16.9 16.9

CONTINUED

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, APRIL, WITH COMPARISONS 1/—CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT						DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT					
	CLASS I			CLASS II			CLASS III			CLASS IV		
	APR	APR	APR	APR	APR	APR	APR	APR	APR	APR	APR	APR
1982 : 1981 : 1982 : 1981 : 1982 : 1981 : 1982 : 1981 : 1982 : 1981 : 1982 : 1981 : 1982												
—DOLLARS—												
—CENTS—												
EAST SOUTH CENTRAL TENNESSEE VALLEY 32/	\$ 14.56	\$ 14.76	\$ 13.80	\$ 13.98	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
NASHVILLE	\$ 14.31	\$ 14.51	\$ 13.40	\$ 13.43	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
PADUCAH	\$ 14.16	\$ 14.36	\$ 13.39	\$ 13.55	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
MEMPHIS	\$ 14.40	\$ 14.60	\$ 14.08	\$ 14.30	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
REGIONAL AVERAGE	\$ 14.47	\$ 14.67	\$ 13.72	\$ 13.86								
WEST SOUTH CENTRAL CENTRAL ARKANSAS 33/	\$ 14.40	\$ 14.60	\$ 13.99	\$ 14.08	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
OKLAHOMA METROPOLITAN 34/	\$ 14.44	\$ 14.64	\$ 13.57	\$ 13.85	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
RED RIVER VALLEY 35/	\$ 14.66	\$ 14.86	\$ 14.07	\$ 14.32	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
TEXAS PANHANDLE 36/	\$ 14.71	\$ 14.91	\$ 14.02	\$ 14.55	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
LUBBOCK-PLAINVIEW	\$ 14.88	\$ 15.08	\$ 14.51	\$ 14.83	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
TEXAS 37/	\$ 14.78	\$ 14.98	\$ 14.07	\$ 14.30	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
GREATER LOUISIANA 38/	\$ 14.93	\$ 15.13	\$ 14.47	\$ 14.54	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
NEW ORLEANS-MISSISSIPPI 39/	\$ 15.31	\$ 15.51	\$ 14.20	\$ 14.33	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
REGIONAL AVERAGE	\$ 14.80	\$ 15.01	\$ 14.04	\$ 14.26								
MOUNTAIN EASTERN COLORADO 40/	\$ 14.76	\$ 14.96	\$ 14.06	\$ 14.25	\$ 12.60	\$ 12.45	\$ 12.60	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
WESTERN COLORADO 41/	\$ 14.46	\$ 14.66	\$ 14.29	\$ 14.42	\$ 12.50	\$ 12.45	\$ 12.50	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
SOUTHWESTERN IDAHO-EASTERN OREG 42/	\$ 13.96	\$ 12.72	\$ 12.55	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.55	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
GREAT BASIN 43/	\$ 14.36	\$ 14.56	\$ 13.49	\$ 13.61	\$ 12.60	\$ 12.45	\$ 12.60	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
LAKE MEAD 44/	\$ 14.06	\$ 14.26	\$ 13.71	\$ 13.97	\$ 12.60	\$ 12.45	\$ 12.60	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
CENTRAL ARIZONA 45/	\$ 14.98	\$ 15.18	\$ 13.83	\$ 14.09	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
RIO GRANDE VALLEY 46/	\$ 14.81	\$ 15.01	\$ 14.09	\$ 14.33	\$ 12.59	\$ 12.45	\$ 12.59	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
REGIONAL AVERAGE	\$ 14.70	\$ 14.90	\$ 13.85	\$ 14.04								
PACIFIC PUGET SOUND 47/	\$ 14.31	\$ 14.51	\$ 13.18	\$ 13.42	\$ 12.70	\$ 12.45	\$ 12.70	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45	\$ 12.45
INLAND EMPIRE 48/	\$ 14.41	\$ 14.61	\$ 13.31	\$ 13.64	\$ 12.70	\$ 12.45	\$ 13.31	\$ 12.70	\$ 12.70	\$ 12.70	\$ 12.70	\$ 12.70
OREGON-WASHINGTON 49/	\$ 14.41	\$ 14.61	\$ 13.39	\$ 13.63	\$ 12.70	\$ 12.45	\$ 13.39	\$ 12.70	\$ 12.70	\$ 12.70	\$ 12.70	\$ 12.70
REGIONAL AVERAGE	\$ 14.37	\$ 14.57	\$ 13.28	\$ 13.53								
45-MARKET AVERAGE 31/ 50/	\$ 14.61	\$ 14.77	\$ 13.39	\$ 13.55	\$ 12.47	\$ 12.45	\$ 13.39	\$ 13.55	\$ 12.47	\$ 12.45	\$ 12.45	\$ 12.45
ALL-MARKET AVERAGE	\$ 14.61	\$ 14.77	\$ 13.39	\$ 13.55	\$ 12.47	\$ 12.45	\$ 13.39	\$ 13.55	\$ 12.47	\$ 12.45	\$ 12.45	\$ 12.45

TABLE 3--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-APRIL, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	CLASS I PRICE PER HUNDREDWEIGHT			BLEND PRICE PER HUNDREDWEIGHT		
	1982	1981	CHANGE 1982 OVER 1981	1982	1981	CHANGE 1982 OVER 1981
<u>DOLLARS</u>						
NORTH ATLANTIC						
NEW ENGLAND	15.52	15.53	-.01	14.24	14.31	-.07
NEW YORK-NEW JERSEY	15.36	15.22	-.14	13.70	13.63	-.07
MIDDLE ATLANTIC	15.30	15.39	-.09	13.81	14.01	-.20
REGIONAL AVERAGE	15.39	15.35	-.04	13.86	13.89	-.03
SOUTH ATLANTIC						
GEORGIA	14.82	14.91	-.09	14.19	14.32	-.13
UPPER FLORIDA	15.37	15.46	-.09	14.92	15.12	-.20
TAMPA BAY	15.47	15.56	-.09	15.10	15.29	-.19
SOUTHEASTERN FLORIDA	15.67	15.76	-.09	15.34	15.52	-.18
REGIONAL AVERAGE	15.24	15.35	-.11	14.71	14.92	-.21
EAST NORTH CENTRAL						
MICHIGAN UPPER PENINSULA	13.87	13.96	-.09	13.30	13.38	-.08
SOUTHERN MICHIGAN	14.12	14.21	-.09	13.27	13.45	-.18
EAST- OHIO-MIWEST. PENNSYLVANIA	14.37	14.46	-.09	13.42	13.56	-.14
OHIO VALLEY	14.22	14.31	-.09	13.49	13.63	-.14
INDIANA	14.05	14.14	-.09	13.43	13.55	-.12
CHICAGO REGIONAL	13.78	13.87	-.09	12.97	13.15	-.18
CENTRAL ILLINOIS	13.91	14.00	-.09	13.47	13.61	-.14
SOUTHERN ILLINOIS	14.05	14.14	-.09	13.59	13.67	-.08
LOUISVILLE-LEXINGTON-EVANSVILLE	14.22	14.31	-.09	13.43	13.51	-.08
REGIONAL AVERAGE	14.09	14.17	-.08	13.20	13.37	-.17
WEST NORTH CENTRAL						
UPPER MIDWEST	13.64	13.73	-.09	12.72	12.89	-.17
EASTERN SOUTH DAKOTA	13.92	14.01	-.09	13.11	13.34	-.23
BLACK HILLS	14.47	14.56	-.09	13.82	13.83	.01
IOWA	13.92	14.01	-.09	13.07	13.24	.17
NEBRASKA-WESTERN IOWA	14.12	14.21	-.09	13.12	13.23	.11
GREATER KANSAS CITY	14.26	14.35	-.09	13.30	13.45	.15
ST. LOUIS-OZARKS	14.12	14.21	-.09	13.25	13.46	.21
NEOSHO VALLEY	14.32	14.41	-.09	13.51	13.51	.28
WICHITA	13.96	14.04	-.08	12.92	13.09	.17
REGIONAL AVERAGE 2/						

CONTINUED

TABLE 3--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-APRIL, WITH COMPARISONS 1/—CON.

FEDERAL MILK ORDER MARKETING AREA	CLASS I PRICE PER HUNDREDWEIGHT			BLEND PRICE PER HUNDREDWEIGHT		
	1982	1981	CHANGE 1982 OVER 1981	1982	1981	CHANGE 1982 OVER 1981
<u>DOLLARS</u>						
EAST SOUTH CENTRAL						
TENNESSEE VALLEY	14.62	14.71	-.09	13.89	14.09	-.20
NASHVILLE	14.37	14.45	-.08	13.46	13.47	-.01
PADUCAH	14.22	14.31	-.09	13.83	13.92	-.09
MEMPHIS	14.46	14.55	-.09	14.08	14.30	-.22
REGIONAL AVERAGE	14.53	14.61	-.08	13.81	13.94	-.13
WEST SOUTH CENTRAL						
CENTRAL ARKANSAS	14.46	14.55	-.09	14.02	14.11	-.09
OKLAHOMA METROPOLITAN	14.50	14.59	-.09	13.73	13.91	-.18
RED RIVER VALLEY	14.72	14.81	-.09	14.17	14.41	-.24
TEXAS PANHANDLE	14.77	14.86	-.09	14.27	14.55	-.28
LUBBOCK-PLAINVIEW	14.84	15.03	-.09	14.63	14.80	-.17
TEXAS	14.84	14.93	-.09	14.17	14.32	-.15
GREATER LOUISIANA	14.99	15.08	-.09	14.57	14.59	-.02
NEW ORLEANS-MISSISSIPPI	15.37	15.46	-.09	14.34	14.42	-.08
REGIONAL AVERAGE	14.86	14.96	-.10	14.16	14.30	-.14
MOUNTAIN						
EASTERN COLORADO	14.82	14.91	-.09	14.11	14.26	-.15
WESTERN COLORADO	14.52	14.61	-.09	14.34	14.45	-.11
SOUTHWESTERN IDAHO-EASTERN OREGON	14.02	14.42	14.51	12.79	13.56	1.12
GREAT BASIN						
LAKE MEAD	14.12	14.21	-.09	13.78	13.89	-.11
CENTRAL ARIZONA	15.04	15.13	-.09	13.91	14.15	-.24
RIO GRANDE VALLEY	14.87	14.96	-.09	14.21	14.32	-.11
REGIONAL AVERAGE 2/	14.77	14.85	-.08	13.92	14.08	-.16
PACIFIC						
PUGET SOUND	14.37	14.46	-.09	13.25	13.43	-.18
INLAND EMPIRE	14.47	14.56	-.09	13.41	13.63	-.22
OREGON-WASHINGTON	14.47	14.56	-.09	13.47	13.65	-.18
REGIONAL AVERAGE	14.43	14.51	-.08	13.35	13.54	-.19
45-MARKET AVERAGE 2/ 3/	14.67	14.72	-.05	13.52	13.65	-.13
ALL-MARKET AVERAGE	14.67	14.72	-.05	13.52	13.65	-.13

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. See footnotes on page 24 for location at which price is reported.
 2/ Based on markets where orders were effective entire period, 1981-82, and which had no significant marketing area changes; excludes Southwestern Idaho-Eastern Oregon. Also excludes Neosho Valley for which the data were administratively confidential.
 3/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, APRIL

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS		TOTAL PRODUCER DELIVERIES		BUTTERFAT CONTENT OF PRODUCER DELIVERIES		AVERAGE DAILY DELIVERY PER PRODUCER	
	APR 1982		APR 1982		APR 1982		APR 1982	
	CHANGE FROM APR 1981	APR 1982	APR 1982	APR 1981	CHANGE FROM APR 1981	APR 1982	APR 1981	APR 1982
<u>1,000 LBS.</u>								
<u>PERCENT</u>								
<u>POUNDS</u>								
NORTH ATLANTIC								
NEW ENGLAND	7,002	40-	445,746	437,671	1.8	3.67	3.63	2,122
NEW YORK-NEW JERSEY	17,468	154-	967,411	974,062	1.7-	3.63	3.64	2,072
MIDDLE ATLANTIC	7,174	296-	511,773	520,787	1.7-	3.66	3.70	1,843
REGIONAL AVERAGE OR TOTAL	31,644	490-	1,924,930	1,932,520	1.4-	3.65	3.65	2,324
SOUTH ATLANTIC								
GEORGIA	1,656	435	167,662	137,965	21.5	3.56	3.52	3,766
UPPER FLORIDA	153	15	44,360	43,136	2.8	3.48	3.39	10,281
TAMPA BAY	233	6	92,512	88,739	4.3	3.41	3.36	12,689
SOUTHEASTERN FLORIDA	196	131	68,996	67,749	1.8	3.40	3.27	12,131
REGIONAL AVERAGE OR TOTAL	2,238	587	373,530	337,589	10.6	3.48	3.41	35,714
EAST NORTH CENTRAL								
MICHIGAN-UPPER PENINSULA	109	3-	3,664	3,807	3.8-	3.68	3.69	1,121
SOUTHERN MICHIGAN	6,409	43-	385,573	384,542	1.3-	3.68	3.64	2,005
EAST- OHIO- WEST- PENNSYLVANIA	6,137	60-	292,259	296,214	1.3-	3.71	3.67	1,987
OHIO VALLEY	5,249	163-	262,567	267,442	1.8-	3.69	3.67	1,587
INDIANA	2,826	278-	146,310	168,133	13.0-	3.74	3.73	1,593
CHICAGO REGIONAL	18,795	868	1,123,012	1,072,140	4.8	3.72	3.68	1,647
CENTRAL ILLINOIS	274	25-	12,403	14,209	12.7-	3.78	3.75	1,806
SOUTHERN ILLINOIS	1,366	121-	74,612	84,942	12.2-	3.71	3.68	1,994
LOUISVILLE-LEXINGTON-EVANSVILLE	2,012	124-	98,744	109,059	9.5-	3.64	3.65	1,509
REGIONAL AVERAGE OR TOTAL	43,177	51	2,399,244	2,400,488	1-	3.71	3.67	1,584
WEST NORTH CENTRAL	15,678	540	851,565	834,142	2.1	3.71	3.66	1,987
UPPER MIDWEST	502	30	29,617	26,912	10.1	3.67	3.60	2,026
EASTERN SOUTH DAKOTA	75	3-	5,764	6,154	6.3-	3.66	3.54	2,630
BLACK HILLS	3,745	134-	206,028	222,269	7.3-	3.74	3.68	1,912
IOWA	1,877	246	116,056	109,887	5.6	3.68	3.62	2,257
NEBRASKA-WESTERN IOWA	1,342	8-	79,631	85,489	6.9-	3.59	3.58	2,114
GREATER KANSAS CITY	3,133	97	186,583	190,199	1.9-	3.55	3.53	2,088
ST. LOUIS-ZARKS	328	209-	23,104	36,497	36.7-	3.61	3.55	2,060
NEOSHO VALLEY	26,680	559	1,498,348	1,511,549	9-	3.68	3.64	2,513
WICHITA	REGIONAL AVERAGE OR TOTAL 1/							

CONTINUED

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS. TOTAL PRODUCER DELIVERIES. BUTTERfat CONTENT OF PRODUCER DELIVERIES. AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, APRIL--CONTINUED

FEDERAL MILK ORDER MARKETING AREA		NUMBER OF PRODUCERS		TOTAL PRODUCER DELIVERIES		BUTTERfat CONTENT OF PRODUCER DELIVERIES		AVERAGE DAILY DELIVERY PER PRODUCER	
		APR 1982	CHANGE FROM APR 1981	APR 1982	CHANGE FROM APR 1981	APR 1982	CHANGE FROM APR 1981	APR 1982	CHANGE FROM APR 1981
<u>1,000 LBS.</u>									
<u>POUNDS</u>									
<u>PERCENT</u>									
EAST SOUTH CENTRAL		1,944		36	128,752	121,868	5.6	3.61	2,208
TENNESSEE VALLEY		1,020		30-	55,697	60,159	7.4-	3.53	1,820
NASHVILLE		121		3	7,635	7,010	7.5	3.64	2,103
PADUCAH		419		147-	26,105	31,572	17.3-	3.56	2,824
MEMPHIS		3,500		138-	218,189	220,700	1.1-	3.58	3,62
REGIONAL AVERAGE OR TOTAL									
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS-FT. SMITH		797		115-	41,125	41,448	8-	3.28	3.34
OKLAHOMA METROPOLITAN		1,626		156	108,164	92,599	16.8	3.50	2,392
RED RIVER VALLEY		85		40-	4,097	4,002	2.4	3.54	2,568
TEXAS PANHANDLE		91		47-	10,774	8,788	22.6	3.56	2,633
LUBBOCK-PLAINVIEW		28		8-	6,293	6,157	2.2	3.56	3.50
TEXAS		3,100		218	364,167	336,934	8.1	3.46	7,413
GREATER LOUISIANA		591		26	49,060	51,188	4.2-	3.49	3,42
NEW ORLEANS-MISSISSIPPI		1,694		6-	122,422	129,537	5.5-	3.43	3,50
REGIONAL AVERAGE OR TOTAL		8,012		184	706,102	670,653	5.3	3.46	2,409
MOUNTAIN									
EASTERN COLORADO		766		30-	79,905	76,351	4.7	3.57	3.477
WESTERN COLORADO		50		6-	7,518	7,482	.5	3.55	5,012
SOUTHWESTERN IDAHO-EASTERN OREGON		356			48,698			3.59	4,560
GREAT BASIN		639		44-	77,967	80,446	3.1-	3.52	4,067
LAKE HEAD		33		4-	13,181	12,619	4.5	3.39	13,314
CENTRAL ARIZONA		167		14	103,348	97,330	6.2	3.58	21,208
RIO GRANDE VALLEY		130		8	45,224	43,350	4.3	3.57	21,692
REGIONAL AVERAGE OR TOTAL		1,785		62-	327,143	317,578	3.0	3.55	12,754
PACIFIC									
PUGET SOUND		1,161		4	172,270	165,510	4.1	3.68	4,946
INLAND EMPIRE		332		30	37,533	32,960	13.9	3.63	3,768
OREGON-WASHINGTON		943		20-	138,477	136,878	1.2	3.74	3,69
REGIONAL AVERAGE OR TOTAL		2,436		14	348,280	335,348	3.9	3.70	4,895
46-MARKET AVERAGE		119,472		705	7,795,766	7,726,425	.9	3.64	2,175
ALL-MARKET AVERAGE OR TOTAL		119,828			1,040	7,844,464		3.64	2,182
									2,169

1/ Based on markets where orders were effective entire period, 1981-82, and which had no significant marketing area changes; excludes Southwestern Idaho-Eastern Oregon. Also excludes Neosho Valley for which data were administratively confidential.

excludes Southwestern Idaho-Eastern Oregon. Also excludes Neosho Valley for which data were administratively confidential. 2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, APRIL, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION			GROSS CLASS I USE		
	APR 1982	APR 1981	: CHANGE : FROM : APR 1981	APR 1982		APR 1981		APR 1982	
				1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT
NORTH ATLANTIC									
NEW ENGLAND	231,919	235,795	1-6-	52.0	53.9	235,169	5-		
NEW YORK-NEW JERSEY	381,523	375,318	1-7	39.4	38.5	381,523	1-7		
MIDDLE ATLANTIC	234,578	242,768	3-4-	45.8	46.6	249,970	2-0-		
REGIONAL AVERAGE OR TOTAL	848,020	853,881	0-7-	44.1	44.2				
SOUTH ATLANTIC									
GEORGIA	119,662	97,046	23.3	71.4	70.3	121,249	24.1		
UPPER FLORIDA	37,424	34,684	7-9	84.4	80.4	39,804	6.1		
TAMPA BAY	80,383	76,314	5-3	86.9	86.0	85,542	4.1		
SOUTHEASTERN FLORIDA	61,925	60,105	3-0	89.8	88.7	65,276	1-9		
REGIONAL AVERAGE OR TOTAL	299,394	268,149	11.7	80.2	79.4				
EAST NORTH CENTRAL									
MICHIGAN-UPPER PENINSULA	2,054	2,115	1-8	58.8	55.6	2,389	2.7		
SOUTHERN MICHIGAN	164,764	173,419	5-0-	42.7	45.1	164,969	5.0-		
EAST-OHIO-WEST PENNSYLVANIA	162,416	159,345	1-9	55.6	53.8	162,975	2.3		
OHIO VALLEY	151,850	153,108	0-8-	57.8	57.2	154,520	1-8-		
INDIANA	96,804	104,017	6-9-	66.2	61.9	97,354	8.3-		
CHICAGO REGIONAL	245,003	244,614	0-2	21.8	22.8	245,148	0-2		
CENTRAL ILLINOIS	7,409	9,046	18-1-	59.7	63.7	7,704	17.1-		
SOUTHERN ILLINOIS	44,762	47,831	6-4-	60.0	56.3	46,544	5.7-		
LOUISVILLE-LEXINGTON-EVANSVILLE	52,457	54,448	3-7-	53.1	49.9	53,541	3.0-		
REGIONAL AVERAGE OR TOTAL	927,619	947,943	2-1-	38.7	39.5				
WEST NORTH CENTRAL									
UPPER MIDWEST	122,112	125,380	2-6-	14.3	15.0	122,209	2-5-		
EASTERN SOUTH DAKOTA	10,868	11,090	2-0-	36.7	41.2	10,896	2-0-		
BLACK HILLS	4,069	3,749	8-5	70.6	60.9	4,078	7.6		
IOWA	60,481	65,711	8-0-	29.4	29.6	60,572	7.9-		
NEBRASKA-WESTERN IOWA	44,303	44,110	0-4	38.2	40.1	44,551	0-3		
GREATER KANSAS CITY	36,543	36,792	0-7-	45.9	43.0	36,547	0-8-		
ST. LOUIS-OZARKS	95,003	95,875	0-9-	50.9	50.4	99,402	1-8-		
NEOSHO VALLEY		312		60.9	32.4				
WICHITA	15,990	16,015	0-2-	69.2	43.9	15,992	0-1-		
REGIONAL AVERAGE OR TOTAL	389,369	398,722	2-3-	26.0	26.4				

CONTINUED

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, APRIL, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION			GROSS CLASS I USE		
	APR 1982		APR 1981	CHANGE FROM APR 1981	APR 1982		APR 1981	APR 1982	CHANGE FROM APR 1981
	1,000 POUNDS		PERCENT	PERCENT	1,000 POUNDS		PERCENT	1,000 POUNDS	
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	79,638	75,675	5.2	61.9	62.1	60.4	80,989	80,569	6.7
NASHVILLE	25,569	24,295	5.2	45.9	40.4	40.4	25,569	25,531	5.1
PADUCAH	6,242	5,745	8.6	81.8	80.9	80.9	6,242	6,242	8.6
MEMPHIS	21,077	25,465	17.2-	80.7	80.7	80.7	23,749	23,749	9.9-
REGIONAL AVERAGE OR TOTAL	132,526	131,180	1.0	60.7	59.4	59.4			
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS-FT. SMITH	32,090	30,673	4.6	78.0	74.0	74.0	32,523	32,523	4.1
OKLAHOMA METROPOLITAN	54,139	51,499	5.1	50.1	55.6	55.6	54,139	54,139	4.9
RED RIVER VALLEY	2,738	2,865	4.4-	66.8	71.6	71.6	2,738	2,738	4.4-
TEXAS PANHANDLE	7,588	7,278	4.3	70.4	82.8	82.8	7,588	7,588	4.3
LUBBOCK-PLAINVIEW	5,327	5,269	1.1	84.6	85.6	85.6	5,327	5,327	1.1
TEXAS	245,420	232,782	5.4	67.4	69.1	69.1	245,734	245,734	5.5
GREATER LOUISIANA	39,870	39,133	1.9	81.3	76.4	76.4	40,379	40,379	3.1
NEW ORLEANS-MISSISSIPPI	67,403	67,966	55.1	52.5	52.5	52.5	68,772	68,772	2.9-
REGIONAL AVERAGE OR TOTAL	454,575	437,465	3.9	64.4	65.2	65.2			
MOUNTAIN									
EASTERN COLORADO	55,682	53,222	4.6	69.7	69.7	69.7	59,227	59,227	3.4
WESTERN COLORADO	6,845	6,474	5.7	91.0	86.5	86.5	7,110	7,110	4.0
SOUTHWESTERN IDAHO-EASTERN OREGON	8,713	8,713		17.9	17.9	17.9	8,714	8,714	
GREAT BASIN	42,068	40,609	3.6	54.0	50.5	50.5	43,441	43,441	2.7
LAKE MEAD	9,287	9,354	4.7-	70.5	74.1	74.1	9,362	9,362	5-
CENTRAL ARIZONA	55,363	53,869	2.8	53.6	55.3	55.3	55,421	55,421	2.6
RIO GRANDE VALLEY	30,314	29,502	2.8	67.0	68.1	68.1	30,570	30,570	3.6
REGIONAL AVERAGE OR TOTAL	199,559	193,030	3.4	61.0	60.8	60.8			
PACIFIC									
PUGET SOUND	65,020	66,782	2.6-	37.7	40.3	40.3	68,560	68,560	2.3-
INLAND EMPIRE	13,307	15,246	12.7-	35.5	46.3	46.3	13,531	13,531	13.4-
OREGON-WASHINGTON	68,275	68,202	0.1	49.3	49.8	49.8	73,356	73,356	1.8
REGIONAL AVERAGE OR TOTAL	146,602	150,230	2.4-	42.1	44.8	44.8			
46-MARKET AVERAGE OR TOTAL									
	3,397,664	3,380,600	0.5	43.6	43.6	43.6			
ALL-MARKET AVERAGE OR TOTAL	3,406,377	3,380,912	0.8	43.4	43.4	43.4			

1/ Based on markets where orders were effective entire period, 1981-82, and which had no significant marketing area changes.

2/ Includes Southwestern Idaho-Eastern Oregon. Also excludes Neosho Valley for which the data were administratively confidential.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

TABLE 6—PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS III UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, APRIL AND YEAR TO DATE 1/

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES	CLASS II USED IN CLASS II	CLASS II UTILIZATION	PRODUCER DELIVERIES	CLASS II USED IN CLASS II	CLASS II UTILIZATION
	APR. 1982	APR. 1981	APR. 1982	YEAR TO DATE 1982	YEAR TO DATE 1981	YEAR TO DATE 1982
	1,000 POUNDS		PERCENT		1,000 POUNDS	
SOUTH ATLANTIC	12,725	11,923	7.6	8.6	46,835	41,048
GEORGIA						
EAST NORTH CENTRAL						
SOUTHERN MICHIGAN	22,576	24,545	5.9	6.4	86,444	88,340
EAST. OHIO-WEST. PENNSYLVANIA	21,465	22,013	7.3	7.4	84,489	82,874
OHIO VALLEY	21,989	20,805	8.4	7.8	84,296	73,713
INDIANA	19,219	18,201	13.1	10.8	71,361	63,769
CHICAGO REGIONAL	93,772	98,278	8.3	9.2	346,240	370,199
CENTRAL ILLINOIS	609	462	4.9	3.3	2,126	1,641
SOUTHERN ILLINOIS	10,858	11,623	14.6	13.7	37,212	36,526
Louisville-Lexington-Evansville	8,005	10,422	8.1	9.6	30,405	34,188
WEST NORTH CENTRAL						
UPPER MIDWEST	22,102	24,705	2.6	3.0	90,704	95,573
EASTERN SOUTH DAKOTA	2,029	2,831	6.9	10.5	8,942	10,800
LOMA	10,535	11,045	5.1	5.0	37,321	38,231
NEBRASKA-WESTERN IOWA	10,394	10,150	9.0	9.2	39,094	37,124
GREATER KANSAS CITY	21,043	21,567	26.4	25.2	78,186	74,924
ST. LOUIS-OZARKS	24,963	35,818	13.4	18.8	98,404	127,473
NEOSHO VALLEY	1,732	2,659	10	39.1	1,0	149
WICHITA				7.5	7.3	12,654
EAST SOUTH CENTRAL						
TENNESSEE VALLEY	9,316	12,254	7.2	10.1	33,596	38,269
NASHVILLE	5,218	4,098	9.4	6.8	16,463	15,758
PADUCAH	169	482	2.2	6.8	1,032	1,763
MEMPHIS	3,033	3,412	11.6	10.8	11,933	11,737

CONTINUED

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS III UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA¹, APRIL AND YEAR TO DATE 1/²--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS II	CLASS II UTILIZATION	PRODUCER DELIVERIES USED IN CLASS III	CLASS III UTILIZATION	YEAR TO DATE					
					APR. 1982	APR. 1981				
						PERCENT				
						1,000 POUNDS				
WEST SOUTH CENTRAL										
CENTRAL ARKANSAS-FT. SMITH	1,887	1,991	4.6	4.8	6,758	7,741				
OKLAHOMA METROPOLITAN	9,458	10,378	8.7	11.2	34,511	39,192				
RED RIVER VALLEY	1,153	984	28.1	24.6	3,577	2,917				
TEXAS PANHANDLE	1,112	1,133	10.3	12.9	4,094	4,040				
LUBBOCK-PLAINVIEW	178	365	2.8	5.9	587	1,026				
TEXAS	36,637	38,346	10.1	11.4	145,199	139,574				
GREATER LOUISIANA	1,822	2,096	3.7	4.1	7,894	7,770				
NEW ORLEANS-MISSISSIPPI	14,699	10,873	12.0	8.4	53,709	40,477				
MOUNTAIN										
EASTERN COLORADO	7,320	8,676	9.2	11.4	30,296	32,663				
SOUTHWESTERN IDAHO-EASTERN OREGON	2,174		4.5		8,292	9.9				
CENTRAL ARIZONA	10,296	11,169	10.0	11.5	41,121	42,436				
RIO GRANDE VALLEY	8,693	9,830	19.2	22.7	33,457	35,967				
PACIFIC										
PUGET SOUND	14,805	14,811	8.6	8.9	58,040	61,841				
INLAND EMPIRE	3,275	3,257	8.7	9.9	10,486	8,7				
OREGON-WASHINGTON	15,668	17,680	11.3	12.9	61,428	66,029				
						PERCENT				

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped. Also excludes Lake Mead and Great Basin for which the data were restricted; and Western Colorado for which there were no producer deliveries used in Class III. Otherwise, all orders which have three classes of utilization are shown.
 2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-APRIL, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	1982		1981	CHANGE FROM 1982 TO 1981	1982		1981	CHANGE FROM 1982 TO 1981	1982
									1981
<u>1,000 POUNDS</u>									
NORTH ATLANTIC									
NEW ENGLAND	1,725,187	1,704,920	1,624	937,903	955,131	1,08-	54,4	56,0	
NEW YORK-NEW JERSEY	3,718,843	3,671,528	1,3	1,537,131	1,536,166	-1	41,3	41,8	
MIDDLE ATLANTIC	2,006,559	1,991,720	7	937,193	977,746	4,1-	46,7	49,1	
REGIONAL AVERAGE OR TOTAL	7,450,589	7,368,168	1,1	3,912,227	3,469,043	1,6-	45,8	47,1	
SOUTH ATLANTIC									
GEORGIA	685,404	550,906	244	486,869	398,256	22,3	71,0	72,3	
UPPER FLORIDA	177,489	170,751	3,9	147,847	147,338	-3	83,3	86,3	
TAMPA BAY	377,994	343,071	10,2	325,099	308,653	5,3	86,0	90,0	
SOUTHEASTERN FLORIDA	283,970	272,756	4,1	248,649	250,367	-7	87,6	91,8	
REGIONAL AVERAGE OR TOTAL	1,524,857	1,337,484	14,0	1,208,464	1,104,614	9,4	79,3	82,6	
EAST NORTH CENTRAL									
MICHIGAN UPPER PENINSULA	14,162	14,204	2,4	8,869	8,691	2,0	62,6	61,2	
SOUTHERN MICHIGAN	1,517,357	1,482,472	2,4	687,404	724,820	5,2-	45,3	48,9	
EAST- OHIO-WEST. PENNSYLVANIA	1,118,290	1,120,273	0,2-	650,575	655,412	-7	58,2	58,5	
OHIO VALLEY	1,014,403	1,013,792	0,1	613,346	621,005	1,2-	60,5	61,3	
INDIANA	569,950	621,475	8,3-	385,620	420,955	8,4-	67,7	67,7	
CHICAGO REGIONAL	4,299,708	4,054,434	6,0	996,832	999,616	-3-	23,2	24,7	
CENTRAL ILLINOIS	48,600	54,950	11,6-	31,849	37,383	14,8-	65,5	68,0	
SOUTHERN ILLINOIS	291,232	317,041	8,1-	181,678	190,342	4,6-	62,4	60,0	
LOUISVILLE-LEXINGTON-EVANSVILLE	374,063	391,997	4,6-	223,638	222,160	7	59,8	56,7	
REGIONAL AVERAGE OR TOTAL	9,247,765	9,070,638	2,0	3,779,811	3,880,384	2,6-	40,9	42,8	
WEST NORTH CENTRAL									
UPPER MIDWEST	3,311,817	3,194,847	3,7	492,611	502,568	2,0-	14,9	15,7	
EASTERN SOUTH DAKOTA	113,871	99,766	14,1	43,662	45,329	3,7-	38,3	45,4	
BLACK HILLS	22,454	23,068	2,7-	16,040	15,011	6,9	71,4	65,1	
IOWA	801,181	819,466	2,2-	247,430	264,658	6,5-	30,9	32,3	
NEBRASKA-WESTERN IOWA	455,702	435,932	4,5	180,189	179,195	-6	39,5	41,1	
GREATER KANSAS CITY	308,580	324,415	4,9-	146,021	151,929	3,9-	47,3	46,8	
ST. LOUIS-OZARKS	697,678	715,724	2,5-	370,245	398,963	7,2-	53,1	55,7	
NEOSHO VALLEY		3,926		1,426			54,0	36,3	
WICHITA	89,197	135,724	34,3-	63,077	64,676	2,5-	70,7	47,7	
REGIONAL AVERAGE OR TOTAL	5,800,480	5,748,942	0,9	1,559,275	1,622,329	3,9-	26,9	28,2	

CONTINUED

TABLE 7—TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-APRIL, WITH COMPARISONS—CONTINUED

	TOTAL PRODUCER			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	DELIVERIES		CHANGE	1982	1981	CHANGE	1982	1981	FROM
	1982	1981	FROM	1982	1981	1981	1982	1981	1981
<u>1,000 POUNDS</u>									
<u>PERCENT</u>									
FEDERAL MILK ORDER MARKETING AREA									
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	472,378	463,602	1.9	302,406	319,666	5.4-	64.0	69.0	
NASHVILLE	208,799	245,050	14.8-	102,925	- 103,668	-.7-	49.3	42.3	
PAOUCAH	30,406	28,777	5.7	25,077	23,946	4.7	82.5	83.2	
MEMPHIS	113,397	123,212	8.0-	88,304	103,157	14.4-	77.9	83.7	
REGIONAL AVERAGE OR TOTAL	824,980	860,641	4.1-	518,712	550,437	5.8-	62.9	64.0	
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS-FIT. SMITH	164,329	158,191	3.9	127,743	121,570	5.1	77.7	76.9	
OKLAHOMA METROPOLITAN	382,292	341,442	12.0	216,668	208,405	4.0	56.7	61.0	
RED RIVER VALLEY	15,376	14,878	3.3	11,090	11,398	2.7-	72.1	76.6	
TEXAS PANHANDLE	39,694	35,024	13.3	30,661	29,705	3.2	77.2	84.8	
LUBBOCK-PLAINVIEW	24,144	23,526	2.6	21,089	20,785	1.5	87.3	88.3	
TEXAS	1,383,537	1,285,772	7.6	972,178	938,514	3.6	70.3	73.0	
GREATER LOUISIANA	193,423	203,034	4.7-	160,739	162,676	1.2-	83.1	80.1	
NEW ORLEANS-MISSISSIPPI	448,448	489,012	8.3-	264,223	280,905	5.9-	58.9	57.4	
REGIONAL AVERAGE OR TOTAL	2,651,243	2,550,879	3.9	1,804,391	1,773,958	1.7	68.1	69.5	
MOUNTAIN									
EASTERN COLORADO	307,195	296,926	3.5	215,895	217,116	.6-	70.3	73.1	
WESTERN COLORADO	32,168	29,116	10.5	29,128	26,426	10.2	90.6	90.8	
SOUTHWESTERN IDAHO-EASTERN OREGON	174,078			35,077					
GREAT BASIN	301,637	302,836	4-	164,509	166,912	1.4-	54.5	55.1	
LAKE MEAD	48,494	47,300	2.5	36,264	35,261	2.8	74.8	74.5	
CENTRAL ARIZONA	602,567	365,682	10.1	222,451	217,472	2.3	55.3	59.5	
RIO GRANDE VALLEY	172,460	169,796	1.6	121,098	119,057	1.7	70.2	70.1	
REGIONAL AVERAGE OR TOTAL	1,264,521	1,211,656	4.4	789,345	782,244	.9	62.4	64.6	
PACIFIC									
PUGET SOUND	663,804	632,615	4.9	259,305	262,371	1.2-	39.1	41.5	
INLAND EMPIRE	142,231	125,820	13.0	57,793	60,707	4.8-	40.6	48.2	
OREGON-WASHINGTON	533,315	523,753	1.8	265,716	270,030	1.6-	49.8	51.6	
REGIONAL AVERAGE OR TOTAL	1,339,350	1,282,188	4.5	582,814	593,108	1.7-	43.5	46.3	
46-MARKET AVERAGE OR TOTAL	30,103,785	29,430,596	2.3	13,655,039	13,776,117	.9-	45.4	46.8	
ALL MARKET AVERAGE OR TOTAL	30,277,863	29,434,522	2.9	13,690,116	13,777,543	.6-	45.2	46.8	

^{1/} Based on markets where orders were effective entire period, 1981-82, and which had no significant marketing area changes; excludes Southwest Idaho-Eastern Oregon. Also excludes Neosho Valley for which the data were administratively confidential.

^{2/} The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

TABLE 8—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MARCH 1982 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL FLUID MILK ITEMS			
	MARCH 1982		CHANGE 1982 FROM 1981		MARCH 1982		CHANGE 1982 FROM 1981		MARCH 1982		CHANGE 1982 FROM 1981	
	SALES	BUTTER-FAT CONTENT	MAR	TO DATE	SALES	BUTTER-FAT CONTENT	MAR	TO DATE	SALES	BUTTER-FAT CONTENT	MAR	TO DATE
	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	PERCENT
NEW ENGLAND	173.5	3.30	-	2.5	-	4.9	69.8	1.01	7.3	5.6	243.3	2.64
NEW ENGLAND	173.5	3.30	-	2.5	-	4.9	69.8	1.01	7.3	5.6	243.3	2.64
MIDDLE ATLANTIC	158.0	3.28	-	2.5	-	3.7	84.0	1.38	-	7	242.0	2.62
MIDDLE ATLANTIC	158.0	3.28	-	2.5	-	3.7	84.0	1.38	-	7	242.0	2.62
SOUTH ATLANTIC	182.4	3.27	1.9	-	-3	95.6	1.14	1.9	-	0	278.0	2.54
TAMPA BAY	37.1	3.27	2.2	-	-6	21.5	1.05	2.2	1.9	58.6	2.46	2.2
SOUTHEASTERN FLORIDA	47.9	3.30	.2	-	1.2	22.4	1.31	2.4	.8	70.3	2.66	.9
UPPER FLORIDA	40.8	3.27	4.1	*3	3	20.3	1.02	6.2	4.0	61.1	2.53	4.8
GEORGIA	56.5	3.25	1.5	*3	31.4	1.17	-	1.2	-	4.1	88.0	2.51
NEAST NORTH CENTRAL	464.6	3.26	-	4.8	-	6.2	518.0	1.65	2.5	1.2	982.7	2.42
EASTERN GROUP												
SOUTHERN MICHIGAN	98.8	3.25	-	3.2	-	4.6	73.3	1.17	1.5	-	172.1	2.36
E. OHIO - W. PA.	99.7	3.27	-	6.0	-	7.3	74.5	1.75	8.5	5.1	174.2	2.62
OHIO VALLEY	74.5	3.26	-	2.6	-	5.4	89.5	1.73	2.7	1.7	164.1	2.42
WESTERN GROUP												
MICH. - UPPER PENINSULA	2.4	3.36	-	11.2	-	12.5	6.0	1.89	37.1	15.6	8.4	2.31
CHICAGO REGIONAL	101.4	3.29	-	6.1	-	9.3	140.7	1.69	1.6	1.1	242.1	2.36
LOUIS. - LEX. - EVANS	24.8	3.25	-	1	-	*6	31.4	1.73	*6	-	56.2	2.40
INDIANA	38.6	3.27	-	7.4	-	3.7	64.5	1.78	-	1.4	103.1	2.34
SOUTHERN ILLINOIS	16.9	3.25	-	9.5	-	7.5	25.8	1.76	-	.9	42.7	2.35
CENTRAL ILLINOIS	7.5	3.10	-	.1	-	1.7	12.2	1.91	3.8	1.7	19.6	2.36
WEST NORTH CENTRAL	118.6	3.26	-	3.2	-	4.8	240.9	1.57	2.4	.3	359.5	2.13
NORTHERN GROUP												
UPPER MIDWEST	23.9	3.26	-	6.4	-	7.9	96.1	1.49	4.0	1.6	120.1	1.84
EASTERN SOUTH DAKOTA	2.2	3.25	-	.8	-	5.1	7.5	1.69	-	2.8	9.7	2.04
BLACK HILLS	1.1	3.30	-	3.9	-	2.2	1.7	1.77	-	6.0	2.8	2.36
IOWA	16.8	3.30	-	9.5	-	7.8	42.5	1.69	-	1.2	59.3	2.14
NEBRASKA - WESTERN IOWA	16.7	3.28	-	3.5	-	4.3	26.3	1.64	3.0	1.2	43.0	2.28

CONTINUED

TABLE 8—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE. MARCH 1982 WITH COMPARISONS 1/—CONTINUED

MARKETING AREA	WHOLE MILK ITEMS 2/			LOWFAT AND SKIM MILK ITEMS 3/			TOTAL FLUID MILK ITEMS									
	MARCH 1982	CHANGE 1982 FROM 1981	MARCH 1982	CHANGE 1982 FROM 1981	MARCH 1982	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE	SALES	BUTTER-FAT CONTENT	MAR	YEAR TO DATE		
	MIL. LB.	PERCENT	MIL. LB.	PERCENT	MIL. LB.	MIL. LB.	PERCENT	MIL. LB.	MIL. LB.	MIL. LB.	PERCENT	MIL. LB.	MIL. LB.	PERCENT		
WEST NORTH CENTRAL—CON.																
SOUTHERN GROUP																
ST. LOUIS - OZARKS	24.1	3.24	+.6	—	3.7		31.2	1.60	2.1	—	1.1	55.4	2.31	1.5		
GREATER KANSAS CITY	20.8	3.25	—	+.7	3.1		24.6	1.57	4.3	—	1.3	45.4	2.34	1.9		
NEOSHO VALLEY	4.1	3.27	—	3.1	—	-.6	2.5	1.46	—	4.1	—	6.6	2.58	0.2		
WICHITA	9.0	3.23	—	-.8	—	+.3	8.2	1.49	—	1.7	—	17.2	2.40	—		
EAST SOUTH CENTRAL	65.2	3.29	—	2.9	—	3.4	52.7	1.47	—	4.4	—	118.0	2.48	—		
PADUCAH	4.3	3.22	—	6.1	—	4.4	2.9	1.54	—	2.4	—	6.6	7.2	—		
NASHVILLE	17.7	3.30	—	2.1	—	4.9	12.5	1.44	—	5.5	—	30.2	2.53	—		
MEMPHIS	12.0	3.37	—	7.0	—	5.2	6.7	1.31	—	2.4	—	18.7	2.63	—		
TENNESSEE VALLEY	31.2	3.27	—	1.2	—	1.7	30.6	1.52	—	6.5	—	6.3	61.7	2.40	—	
WEST SOUTH CENTRAL	321.0	3.36	4.6	2.0			115.3	1.33	1.8	—	—	436.3	2.82	3.9		
NORTHERN GROUP																
CENTRAL ARKANSAS	13.7	3.32	—	3.7	—	5.7	7.3	1.48	—	13.6	—	11.3	20.9	2.68	—	
FORT SMITH	1.3	3.25	—	17.9	—	19.8	—	1.39	—	1.9	—	11.6	2.2	2.52	—	
OKLAHOMA METROPOLITAN	26.1	3.30	7.5	4.8	10.3	1.53	4.6	1.03	—	4.3	—	36.5	2.80	6.6	3.5	
RED RIVER VALLEY	9.9	3.29	6.0	3.4	2.6	1.35	—	4.4	—	5.2	—	12.5	2.88	3.6	1.4	
TEXAS PANHANDLE	6.1	3.39	—	3.8	—	5.3	1.6	1.42	—	10.7	—	11.7	7.7	2.97	—	
LUBBOCK - PLAINVIEW	5.0	3.38	22.1	17.4	1.8	1.41	18.7	11.3	—	6.8	—	6.8	2.86	21.2	15.7	
SOUTHERN GROUP																
GREATER LOUISIANA	38.9	3.52	—	3.1	—	3.0	13.1	1.50	2.8	—	1.4	52.0	3.01	—	1.7	
NEW ORLEANS - MISS.	45.2	3.50	3.2	3.2	—	9	17.0	1.28	8.9	—	3.9	62.2	2.89	4.7	1.7	
TEXAS	174.9	3.29	7.3	3.9	60.6	1.25	1.8	—	—	2.2	—	235.6	2.77	5.8	2.9	
MOUNTAIN	107.1	3.37	3.8	—	4		99.3	1.70	5.0	1.9		206.4	2.57	4.4	1.1	
EASTERN COLORADO	24.7	3.28	4.0	—	1.1		28.0	1.71	1.3	—	2.4	52.7	2.44	2.6	—	
GREAT BASIN	14.7	3.28	—	1.2	—		26.4	1.78	3.0	1.6		41.1	2.32	2.1	—	
WESTERN COLORADO	3.1	3.22	19.6	16.9	2.9		1.61	12.2	9.7	—	6.0	2.44	15.9	13.4	—	
CENTRAL ARIZONA	30.4	3.51	2.6	—	6		27.7	1.65	10.7	7.4		58.2	2.62	6.3	3.1	
RIO GRANDE VALLEY	26.6	3.35	4.5	2.2	8.5		1.50	—	7	—	4.4	35.1	2.90	3.2	.5	
LAKE MEAD	7.6	3.41	6.7	1.3	5.7		1.84	12.4	6.2	—	—	13.3	2.74	9.1	3.4	
PACIFIC	49.2	3.32	—	1.2	—	3.4	92.7	1.77	2.8	—	7	142.0	2.31	1.4	—	
PUGET SOUND	21.6	3.31	1.2	—	1.1		36.6	1.80	—	2.1		58.2	2.36	—	1.7	
INLAND EMPIRE	3.9	3.27	8.2	3.7	10.0		1.75	11.3	6.1	—	—	13.8	2.18	10.4	5.4	
OREGON - WASHINGTON	23.8	3.33	4.7	6.4	46.2	1.76	3.2	—	9	—	—	69.9	2.29	—	2.9	
COMBINED AREAS (46)	1,639.7	1,639.7	3.30	—	1.0	—	2.9	1,368.4	1.53	2.3	—	5	3,008.1	2.49	—	1.4
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 4/	1,621.4	---	3.4	—	2.6		1,353.4	—	—	—	—	5	2,975.7	—	2.0	—
NEW YORK - NEW JERSEY 5/	---	---	---	—	—		—	—	—	—	—	—	394.5	—	1.3	—

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored whole milk.

4/ Figures adjusted to eliminate variations due to calendar composition.

5/ Small amount of sales estimated.

FOOTNOTES FOR TABLE 2.

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.

2/ For those markets which have base-excess plans (see Table 15) the prices represent a weighted average of the base and excess prices.

3/ Zone 1 (Boston). Prices at 201-210 mile zone: Class I and blend are 72 cents less in 1982, 50 cents less in 1981. Class I price at Hartford is 10 cents less.

4/ New York metropolitan area. Price at 201-210 mile zone: Class I and blend, 59 cents less in 1982, 36 cents less in 1981; Class II, 8 cents less.

5/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia.

6/ See Table 15 for deduction for advertising and promotion.

7/ Atlanta.

8/ Jacksonville and Tallahassee.

9/ Miami.

10/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.

11/ Zone 2 (Marquette).

12/ Individual handler pool. Blend prices are weighted averages of all handlers, 1981-82.

13/ Price excludes direct delivery differentials of 10 cents applicable to milk delivered to Detroit.

14/ Zone 1 (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.

15/ Ten cents for advertising and promotion has been deducted from the blend price.

16/ Nine cents for advertising and promotion has been deducted from the blend price.

17/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo, (Northwestern zone) 5 cents less and at Charleston, W. Va. (Southeastern zone) 5 cents more.

18/ Indianapolis.

19/ Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.

20/ Peoria.

21/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.

22/ Zone 1 (Minneapolis).

23/ Sioux Falls.

24/ Rapid City, S. Dak.

25/ Zone 1 (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.

26/ Zone 1 (Omaha).

27/ Kansas City and Topeka.

28/ Zone 1 (St. Louis and Springfield).

29/ Pittsburgh, Kansas.

33/ Zone 1 (Wichita).

31/ Based on markets where orders were effective entire period, 1980-81, and which had no significant marketing area changes. Excludes Neosho Valley and Southwestern Idaho-Eastern Oregon.

32/ Bristol, Chattanooga, and Knoxville.

33/ Little Rock.

34/ Oklahoma City.

35/ Wichita Falls, Tex.

36/ Amarillo.

37/ Zone 1 (Dallas). Class I price at Houston plus 36 cents.

38/ Monroe and Shreveport.

39/ Zone 1 (New Orleans).

40/ Denver.

41/ Grand Junction.

42/ Boise, Idaho.

43/ Salt Lake City, Utah.

44/ Las Vegas, Nev.

45/ Phoenix.

46/ Albuquerque, Santa Fe, and El Paso.

47/ District 1 (Seattle).

48/ Spokane, Washington.

49/ Portland.

50/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1982, \$14.41 and 1981, \$14.61; Blend 1982, \$14.29 and 1981, \$14.46; Class II 1982, \$12.59; Class III 1982, \$12.45. Producer differential 1982, 16.9¢.

51/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs) would be \$12.46.

TABLE 9—PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN SELECTED MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS, JANUARY 1982 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY			FEBRUARY			MARCH		
	SALES	BF- CON- TENT	CHANGE FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981
			MONTH			MONTH			MONTH
	MIL-LB.	PERCENT	MIL-LB.	PERCENT	MIL-LB.	PERCENT	MIL-LB.	PERCENT	MIL-LB.
FLUID WHOLE MILK PRODUCTS *	1,645	3.31 - 5.1 -	5.1	1,494	3.30 - 2.5 -	3.9	1,640	3.30 - 1.0 -	2.9
WHOLE MILK FLAVORED WHOLE MILK PRODUCTS	1,603	3.31 - 4.7 -	4.7	1,449	3.30 - 2.4 -	3.6	1,593	3.30 - 1.6 -	2.6
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,326	1.55 - 1.4 -	1.4	1,225	1.54 - 6 -	4	1,368	1.53 - 2.3	.5
2% LOWFAT MILK - PLAIN	686	1.99 - 3.1 -	3.1	625	1.98 - 5.6 -	4.3	701	1.98 - 8.6	5.7
2% LOWFAT MILK - MILK SOLIDS ADDED	126	1.96 - 11.4 -	11.4	115	1.96 - 13.0 -	12.2	128	1.96 - 8.9	11.1
1% LOWFAT MILK - PLAIN	168	.93 - 4.2 -	4.2	154	.93 - 7.3 -	5.7	169	.91 - 3.4	4.9
1% LOWFAT MILK - MILK SOLIDS ADDED	59	.97 - 10.9 -	10.9	57	.97 - 3.2 -	7.3	57	.90 - 17.4	10.8
SKIM MILK - PLAIN	102	.26 - 4 -	4	96	.26 - 0 -	2	108	.26 - 6.8	2.4
SKIM MILK - MILK SOLIDS ADDED	39	.33 - 12.6 -	12.6	34	.35 - 14.9 -	13.7	40	.35 - 12.4	13.2
FLAVORED LOWFAT AND SKIM MILK PRODS	96	1.42 - 13.2 -	13.2	96	1.40 - 9.5 -	11.4	112	1.40 - 6.0	9.5
BUTTERMILK	50	1.03 - 4.6 -	4.6	47	1.03 - 1.6 -	3.1	53	1.02 - .9	1.7
TOTAL FLUID MILK PRODUCTS	2,971	2.52 - 3.5 -	3.5	2,719	2.51 - 1.1 -	2.4	3,008	2.49 - .5	1.4
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,013	2.52 - .5 -	.5	2,719	2.51 - 1.1 -	.8	2,976	2.49 - 2.0	1.2

* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.
 1/ See Table 8 for 46 markets included. Excludes the New York-New Jersey and Southwestern Idaho-Eastern Oregon markets.
 2/ Figures are adjusted to eliminate variations due to calendar composition. See special article in this issue, page 39.

TABLE 10—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIN MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MARCH 1982, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIN MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981	SALES	BF- CON- TENT	CHANGE 1982 FROM 1981		
	MIL-LB.	PERCENT		MIL-LB.	PERCENT		MIL-LB.	PERCENT		MIL-LB.	PERCENT		MIL-LB.	PERCENT		MIL-LB.	PERCENT			
NEW ENGLAND	172	3.30	-	2.7	-		71	1.01	7.3	3.6	10.8	6.5	4.0	22.8	7.0	253	3.08	.2		
MIDDLE ATLANTIC	157	3.28	-	3.2	-		86	1.38	-	2.8	1.7	11.0	-	1.6	21.8	6.2	248	2.79	- 2.5	
SOUTH ATLANTIC	204	3.27	9.5	108	1.17	14.7	3.5	11.2	12.9	2.0	22.4	32.9	3.20	2.75	11.5					
EAST NORTH CENTRAL	465	3.26	-	4.9	517	1.66	2.8	9.3	10.7	-	.9	10.6	18.0	14.0	1.008	2.66	-	.8		
WEST NORTH CENTRAL	139	3.26	-	7.1	269	1.57	.5	4.1	10.7	-	.8	4.7	22.0	8.5	418	2.45	-	2.1		
EAST SOUTH CENTRAL	82	3.31	4.1	57	1.44	-	1.8	0.3	11.7	3.2	0.6	21.4	3.1	141	2.64	1.8				
WEST SOUTH CENTRAL	348	3.35	4.7	123	1.34	3.1	2.4	10.8	10.1	3.2	21.3	25.2	478	2.99	4.4					
MOUNTAIN	103	3.35	2.8	99	1.69	4.3	2.4	11.0	6.5	2.9	22.3	17.6	211	2.89	3.9					
PACIFIC	51	3.30	-	1.9	95	1.77	2.5	2.1	10.9	4.2	1.8	24.1	10.8	153	2.67	1.5				
TOTAL OF REGIONS	1,721	3.29	-	4	1,424	1.53	3.0	29.2	10.8	3.3	31.4	20.8	13.7	3,228	2.75	1.4				

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey and Mountain excludes Southwestern Idaho-Eastern Oregon. These markets also are excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

7/ Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 11--PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1982 TO DATE, WITH COMPARISONS^{1/}

PRODUCT NAME	JANUARY			FEBRUARY			MARCH				
	SALES	BF. CON- TENT	CHANGE FROM 1981 2/ MONTH	SALES	BF. CON- TENT	CHANGE FROM 1981 2/ MONTH	SALES	BF. CON- TENT	CHANGE FROM 1981 2/ YEAR TO DATE		
<u>1,000 LB.</u>									<u>1,000 LB.</u>		
MILK AND CREAM MIXTURES	26,512	10.9	- 1.5	- 1.5	25,818	10.9	2.2	-3	29,250	10.8	3.3
TOTAL CREAM PRODUCTS	24,873	20.4	2.4	2.4	26,745	20.7	6.9	4.7	31,391	20.8	13.7
LIGHT CREAM	3,348	17.9	5.3	5.3	3,323	17.9	4.3	4.8	4,226	17.7	20.0
HEAVY CREAM	4,559	34.6	1.5	1.5	5,233	34.2	6.3	4.0	6,280	34.7	10.6
SOUR CREAM	16,965	17.1	2.0	2.0	18,189	17.3	7.6	4.8	20,885	17.3	13.5
YOGURT	15,582	2.6	5.4	5.4	18,156	2.2	11.7	8.7	22,194	2.3	20.1
EGGNOG	117	6.9	---	---	84	9.6	---	---	280	7.3	---

^{1/} Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York-New Jersey and Southwestern Idaho-Eastern Oregon markets.

^{2/} Percentage changes over the previous year are based on the same number of comparable markets.

TABLE 12—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS. GROUPED BY REGION. MARCH 1981 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS I/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	14,192	138,672	34,536	51,992	120,069	59,218	2,167	30,557	451,405
SOUTH ATLANTIC	2,225	20,527	18,137	3,101	0	61	2,431	7,477	53,959
EAST NORTH CENTRAL	46,943	812,361	72,532	123,967	204,026	134,791	4,932	84,693	1,484,244
WEST NORTH CENTRAL	35,231	767,612	32,387	49,270	277,942	24,242	1,185	30,615	1,218,484
EAST SOUTH CENTRAL	3,856	38,417	9,355	5,488	23,339	2,426	707	8,330	91,918
WEST SOUTH CENTRAL	6,269	87,641	28,903	22,932	52,119	10,060	4,524	19,131	231,579
MOUNTAIN	3,465	57,124	16,223	24,845	17,117	6,194	2,040	5,454	132,462
PACIFIC	13,266	67,696	11,731	17,983	66,852	5,275	456	4,128	187,386
TOTAL OF REGIONS 5/	125,446	1,990,051	223,804	299,579	761,463	242,266	18,442	190,386	3,851,438
BUTTERFAT 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	6,042	4,960	6,977	895	93	868	0	1,405	21,239
SOUTH ATLANTIC	323	738	2,266	45	0	0	0	444	3,815
EAST NORTH CENTRAL	19,096	31,121	8,065	1,509	249	1,191	0	3,221	64,453
WEST NORTH CENTRAL	14,904	28,435	3,509	688	142	512	0	1,832	50,022
EAST SOUTH CENTRAL	2,280	1,457	1,069	48	35	2	0	385	5,276
WEST SOUTH CENTRAL	3,327	2,872	3,364	302	40	156	0	747	10,808
MOUNTAIN	1,351	2,185	1,543	193	11	222	0	216	5,722
PACIFIC	3,772	2,642	1,296	162	30	142	0	191	8,235
TOTAL OF REGIONS 5/	51,094	74,409	28,090	3,842	600	3,092	0	8,441	169,570

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. Mountain excludes Southwestern Idaho-Eastern Oregon. These markets also are excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 13--MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MARCH 1982 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	MILK, SKIM MILK, AND CREAM		CLASS III/IV MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
							SKIM MILK, 1,000 POUNDS	1,000 POUNDS			
NEW ENGLAND AND MIDDLE ATLANTIC	14,778	149,637	39,448	52,044	127,749	53,914	1,962	41,251	480,783		
SOUTH ATLANTIC	1,316	23,189	18,013	9,737	0	61	2,296	10,930	65,542		
EAST NORTH CENTRAL	52,480	857,480	78,025	121,228	227,796	116,405	9,779	98,667	1,561,861		
WEST NORTH CENTRAL	39,435	772,004	31,780	46,050	294,080	24,483	687	39,493	1,248,011		
EAST SOUTH CENTRAL	2,841	40,908	10,607	5,905	24,114	1,489	812	7,667	94,343		
WEST SOUTH CENTRAL	8,934	112,498	30,479	23,295	53,951	15,614	4,801	15,387	264,958		
MOUNTAIN	4,484	51,739	18,214	24,911	32,406	3,183	2,013	5,216	142,166		
PACIFIC	13,694	61,130	12,115	18,200	93,116	5,290	365	4,718	208,629		
TOTAL OF REGIONS 5/	137,962	2,068,584	238,680	301,370	853,213	220,438	22,716	223,329	4,066,292		
<hr/> BUTTERFAT <hr/> 1,000 POUNDS											
NEW ENGLAND AND MIDDLE ATLANTIC	6,248	5,488	7,134	841	90	1,193	0	1,771	22,764		
SOUTH ATLANTIC	471	1,143	2,242	232	0	0	0	529	4,617		
EAST NORTH CENTRAL	20,684	32,999	8,801	1,427	246	1,146	4	3,383	68,691		
WEST NORTH CENTRAL	16,289	28,623	3,406	622	152	521	0	1,680	51,293		
EAST SOUTH CENTRAL	1,519	1,543	1,372	55	33	1	0	385	4,909		
WEST SOUTH CENTRAL	3,390	3,836	3,640	272	38	246	0	682	12,104		
MOUNTAIN	1,854	1,943	1,777	196	20	98	0	211	6,099		
PACIFIC	5,495	2,477	1,279	176	49	159	0	247	9,883		
TOTAL OF REGIONS 5/	55,949	78,052	29,650	3,822	628	3,365	4	8,888	180,358		

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. Mountain excludes Southwestern Idaho Eastern Oregon. These markets also are excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 14--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, IN FEDERAL ORDER MARKETS, JANUARY 1982, TO DATE, WITH COMPARISONS 1/

Manufactured dairy products	January		February		March		April		May		June	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
<u>Percent</u>												
Butter	35.9	34.4	34.3	32.7	31.1	30.1						
Cheese	43.0	42.9	42.2	42.6	43.3	43.9						
Frozen desserts	12.4	13.8	14.6	15.6	16.4	16.6						
Cottage cheese	1.9	2.1	2.1	2.2	2.1	2.3						
Other 2/	6.8	6.8	6.8	6.9	7.1	7.1						
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
<u>Percent</u>												
Butter												
Cheese												
Frozen desserts												
Cottage cheese												
All other 2/												
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey and Southwestern Idaho-Eastern Oregon.
 2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and nonfat dry milk, aerated, frozen and plastic cream; and cream and cheese dips, and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 15—FEDERAL MILK ORDER BASE AND EXCESS PRICES IN VARIOUS MARKETING AREAS, APRIL, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT					
	BASE		EXCESS			
	APR	APR	APR	APR	APR	APR
	1982	1981	1982	1982	1982	1981
<u>DOLLARS</u>						
MIDDLE ATLANTIC 2/						
GEORGIA	13.74	14.02	12.24	12.44		
SOUTHERN MICHIGAN	14.39	14.57	12.45	12.64		
TENNESSEE VALLEY	13.25	13.50	12.45	12.64		
NASHVILLE	14.13	14.22	12.45	12.64		
MEMPHIS	13.67	13.65	12.45	12.64		
CENTRAL ARKANSAS-FT. SMITH	14.24	14.65	13.52	12.78		
PUGET SOUND 3/	14.46	14.57	12.83	12.60		
OREGON-WASHINGTON	14.13	14.40	12.45	12.64		
	13.54	13.79	12.45	12.64		

1/ See footnotes on page 24 for location at which price is reported.

2/ Fourteen cents for 1982, thirteen cents for 1981, has been deducted for advertising and promotion.

3/ Class I base plan.

TABLE 16—FEDERAL MILK ORDER SEASONAL INCENTIVE PAYMENT PLANS IN VARIOUS MARKETING AREAS, APRIL, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	AMOUNTS PER HUNDREDWEIGHT	
	APR	1982
	APR	1981
<u>DOLLARS</u>		
NEW ENGLAND	.30	.30
NEW YORK-NEW JERSEY	.30	.30
EAST. OHIO-WEST. PENNSYLVANIA	.25	.25
OHIO VALLEY	.25	.25
INDIANA	.20	.20
LOUISVILLE-LEXINGTON-EVANSVILLE	.40	.40
PADUCAH	.50	.50

1/ During this month, these amounts are deducted from the blend price and thus withheld from producers.

TABLE 17--FACTORS USED IN THE COMPUTATION OF THE TENTATIVE CLASS II PRICE IN
29 FEDERAL MILK ORDER MARKETS, OCTOBER 1981 TO DATE 1/

Month	: Applicable : Minnesota- : Wisconsin : price 2/	: Weighted : change in : gross : values 3/	: Basic : Class II : formula : price	: Class II : Differential : price	: Tentative : Class II : price 4/
<u>Dollars per 100 pounds</u>					
<u>1981</u>					
October					
	12.47	0.13	12.60	0.15	12.75
November	12.46	.07	12.53	.13	12.66
December	12.52	.00	12.52	.10	12.62
<u>1982</u>					
January	12.52	-.30	12.22	.12	12.34
February	12.56	-.06	12.50	.11	12.61
March	12.55	.00	12.55	.13	12.68
April	12.46	.01	12.47	.12	12.59
May					
June					
July					
August					
September					
October					
November					
December					

1/ This pricing provision became effective on September 1, 1981 (October 1981 price). See major order actions in FMOS-261 for a brief explanation of this provision. 2/ Price at 3.5 percent butterfat content for the second preceding month. 3/ Total weighted change in gross values of milk used to produce cheddar cheese and butter/nonfat dry milk.

4/ As announced on the 15th of the preceding month. The final (effective) Class II price is announced on the 5th of the following month. See Table 2 for the (effective) Class II price.

TABLE 18--DAIRY PRODUCT PRICES, MANUFACTURING MILK PRICES, AND UNITED STATES MILK PRICES,
JANUARY 1982 TO DATE WITH COMPARISONS

Month	Dairy product market prices									
	BUTTER 1/		CHEDDAR CHEESE 1/		NONFAT DRY MILK 2/		DRIED WHEY		Central States production area	Nonhygroscopic
	Chicago	Grade A	Wisconsin assembling points	Barrel	Blocks	Spray Process	Milk 2/	Edible 1/		
1982	1981	1982	1981	1982	1982	1981	1982	1981	1982	1981
					Dollars per pound					
Jan.	1.4753	1.4725	1.3325	1.3413	1.3831	1.3932	.9323	.9373	.1131	.2226
Feb.	1.4747	1.4725	1.3162	1.3375	1.3738	1.3925	.9361	.9350	.1128	.1961
Mar.	1.4778	1.4725	1.3321	1.3375	1.3738	1.3875	.9349	.9344	.1336	.1734
Apr.	1.4735	1.4725	1.3273	1.3375	1.3738	1.3916	.9344	.9348	.1419	.1493
May	1.4731	1.4750		1.3375		1.3882		.9362		.1315
June		1.4750		1.3373		1.3880		.9355		.1355
July	1.4794		1.3263		1.3860		.9362			.1498
Aug.	1.4803		1.3363		1.3926		.9351			.1704
Sept.	1.4854		1.3415		1.3969		.9360			.1970
Oct.	1.5057		1.3545		1.4094		.9369			.1951
Nov.	1.4888		1.3425		1.4131		.9391			.1691
Dec.	1.4812		1.3384		1.3941		.9349			.1357
Av.	1.4799		1.3394		1.3944		.9360			.1688

Month	U.S. milk prices, 3.5% butterfat basis 5/									
	Prices paid for manufacturing grade milk, 3.5%		Paid farmers for milk used in:		American cheese 6/		Evaporated milk 6/			
	Minnesota	Wisconsin	Butter powder	"Snubber" 4/	Butter 6/	cheese 6/	cheese 6/	cheese 6/	1981	1982
1982										
1981										
	Dollars per 100 pounds									
Jan.	12.55	12.64	13.36	13.39	12.44	12.57	12.44	12.50	12.06	12.41
Feb.	12.46	12.66	13.39	13.37	12.42	12.59	12.37	12.49	12.09	12.37
Mar.	12.45	12.67	13.39	13.37	12.39	12.62	12.34	12.56	12.06	12.33
Apr.	12.45	12.64	13.37	13.37	*	12.54	12.52	*	12.52	12.34
May		12.61		13.38		12.51		12.50		12.15
June		12.59		13.39		12.50		12.47		12.18
July		12.53		13.41		12.46		12.35		12.12
Aug.		12.47		13.41		12.39		12.34		12.10
Sept.		12.46		13.43		12.43		12.37		12.02
Oct.		12.52		13.53		12.47		12.39		12.06
Nov.		12.52		13.47		12.45		12.44		12.08
Dec.		12.56		13.41		12.46		12.46		12.03
Av.		12.57		13.41		12.50		12.45		12.18

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by Statistical Reporting Service.

3/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS.

4/ Percent price converted by using Chicago Grade A butter price times 0.120. 4/ (Chicago Grade A butter times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents. 5/ Converted by using Chicago Grade A butter times 0.120. 6/ "Dairy Products," SRS.

* These price series have been eliminated from the "Dairy Products" report.

TABLE 19--UNITED STATES MILK PRICES AND SELECTED DAIRY FARMER PRICE MEASURES, JANUARY 1982 TO DATE, WITH COMPARISONS

Month	U.S. milk prices			U.S. milk prices, 3.5 percent butterfat basis 1/		
	All milk wholesale 2/		Manufacturing grade milk 2/		All milk wholesale	
	Parity price 3/	Price at test	Per- cent of parity 4/	Parity price equiv- alent	Av. fat test	Percent of parity price equiv. 5/
\$ per <u>cwt.</u>						
Jan.	20.70	13.90	65	18.59	13.00	3.81
Feb.	20.80	13.80	65	18.68	12.80	3.77
Mar.	20.90	13.60	65	18.77	12.70	3.72
Apr.	20.90	13.40	65	18.77	12.60	3.68
May						
June						
July						
Aug.						
Sept.						
Oct.						
Nov.						
Dec.						
An. Av.						

Month	Dairy farmer price measures: U.S. averages 2/			Dairy farmer price measures: U.S. averages 2/		
	Milk cows 6/		Dairy feed 7/ (16% Protein)	All hay baled 7/	Cows 8/	Milk-feed price ratio 9/ 1982 : 1981
	1982	1981	1982	1981	1982	1982 : 1981
\$ per <u>head</u>						
Jan.	1,150	1,240	181	203	68.70	72.80
Feb.	---	1,230	180	201	70.40	72.50
Mar.	---	1,220	179	196	70.90	69.80
Apr.	1,110	1,200	179	197	73.40	68.20
May						
June						
July						
Aug.						
Sept.						
Oct.						
Nov.						
Dec.						
An. av.						

	Dairy farmer price measures: U.S. averages 2/			Dairy farmer price measures: U.S. averages 2/		
	\$ per ton		\$ per ton	\$ per ton		Pounds
	1982	1981	1982	1981	1982	1982 : 1981
\$ per <u>ton</u>						
Jan.	68.70	72.80	36.90	43.10	1.55	1.39
Feb.	70.40	72.50	39.00	45.00	1.54	1.39
Mar.	70.90	69.80	40.00	43.70	1.52	1.41
Apr.	73.40	68.20	40.30	44.10	1.50	1.39
May						
June						
July						
Aug.						
Sept.						
Oct.						
Nov.						
Dec.						
An. av.						

1/ Based on prices at test as reported in "Agricultural Prices," SRS; converted to a 3.5 percent test by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," SRS. 3/ Parity prices shown are based on data for the current month. 4/ Seasonally adjusted. 5/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter times 0.120 as a percentage of parity price equivalent. 6/ Animals sold for dairy herd replacement only. Prices are published for January, April, July, and October only. 7/ Mid-month price. 8/ Includes beef cows and cul1 dairy cows sold for slaughter, but not dairy cows for herd replacement. 9/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 20--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1982 TO DATE, WITH COMPARISONS

Month	Prices paid by farmers 2/	General price measures 1/						Parity ratio 3/	
		Prices received by farmers			Dairy products				
		All farm products 1982 : 1981	1982 : 1981	1982 : 1981	Livestock & products Indexes 1977=100	1982 : 1981	1982 : 1981		
Jan.	154	147	132	144	137	145	143	145	
Feb.	154	148	133	144	142	144	142	144	
Mar.	155	149	133	143	145	141	140	142	
Apr.	155	150	135	143	147	143	138	140	
May	150	142	142	142	141	141	139	87	
June	150	142	142	146	146	146	138	139	
July	150	151	137	137	145	145	138	138	
Aug.	151	151	133	133	146	146	142	91	
Sept.	150	150	130	130	140	140	144	88	
Oct.	150	150	130	130	138	138	144	87	
Nov.	150	128	128	133	133	144	144	87	
Dec.	150	138	138	142	142	144	144	85	
Av.	150	138	138	142	142	144	144	92	

Month	General price measures						Parity indexes	
	Producer 4/			Consumer 5/				
	All commodities 1982 : 1981	Dairy products 1982 : 1981	All items 1982 : 1981	All food 1982 : 1981	Dairy products Indexes 1967=100	Consumer 5/ Indexes 1967=100		
Jan.	298.2	283.5	247.7	245.2	282.5	260.5	281.0	
Feb.	298.5	286.9	248.0	245.5	283.4	263.2	283.3	
Mar.	297.9	289.6	248.0	245.5	283.1	265.1	283.0	
Apr.	297.9	292.8	248.4	245.8	284.3	266.8	283.9	
May	293.7	245.0	245.0	245.0	269.0	272.5	272.5	
June	294.5	245.6	245.6	245.6	271.3	271.3	273.6	
July	296.0	245.5	245.5	245.5	274.4	274.4	276.2	
Aug.	296.2	245.6	246.0	246.0	276.5	276.5	277.4	
Sept.	295.5	246.0	247.4	247.4	279.3	279.3	278.0	
Oct.	296.0	246.9	247.4	247.4	279.9	279.9	277.6	
Nov.	295.5	246.9	247.2	247.2	280.7	280.7	277.1	
Dec.	295.9	247.2	247.2	247.2	281.5	281.5	277.8	
Av.	293.0	245.9	245.9	245.9	272.4	272.4	274.6	

1/ "Agricultural Prices," SRS.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Producer Price Index," Bureau of Labor Statistics, (BLS), U.S. Department of Labor, as first reported.

5/ CPI-U. "Consumer Price Index," BLS.

TABLE 21--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED PRODUCTS, UNITED STATES CITY AVERAGE, 1982 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products		Meat		Poultry	
	:Percent:		:Percent:		:Percent:		:Percent:		:Percent:		:Percent:	
	Index	change	Index	change	Index	change	Index	change	Index	change	Index	change
	2/	:from	2/	:from	3/	:from	3/	:from	2/	:from	2/	:from
Jan.	221.2	1.4	249.3	2.7	142.0	2.7	150.8	5.0	257.8	- .7	194.2	- 4.1
Feb.	221.5	1.0	248.9	2.8	142.8	2.6	150.0	2.8	260.2	1.5	195.7	- 3.9
Mar.	221.7	.8	250.1	2.9	143.3	2.5	149.5	2.9	261.2	2.7	194.7	- 3.4
Apr.	222.2	.8	250.1	2.4	143.7	2.2	150.9	2.9	263.6	5.0	193.3	- 1.8
May												
June												
July												
Aug.												
Sept.												
Oct.												
Nov.												
Dec.												

1/ "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data for 85 urban areas.

2/ The standard reference base period for these indexes is 1967=100.

3/ The standard reference base period for these indexes is December 1977=100.

TABLE 22--U.S. PRODUCTION, JANUARY 1982 TO DATE, WITH COMPARISONS

Month	Milk 1/		Butter 2/		Total cheese 2/		Nonfat dry milk 2/		Frozen desserts 2/	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981
Bil. pounds										
Jan.	11.0	10.8	128.3	123.1	347.0	338.4	104.1	95.6	69.1	71.4
Feb.	10.3	10.1	116.8	108.4	325.8	314.2	107.2	96.1	79.7	80.1
Mar.	11.6	11.5	123.4	115.5	376.3	370.1	125.3	112.8	102.3	98.3
Apr.	*	11.5	*	117.3	*	374.9	*	126.4	*	100.3
May		12.1		115.5		389.8		136.8		102.9
June		11.6		95.9		386.3		129.6		123.5
July		11.3		82.7		348.9		119.7		128.4
Aug.		11.1		82.3		337.6		112.9		116.3
Sept.		10.6		85.2		331.1		93.0		103.2
Oct.		10.8		99.5		338.5		92.0		89.0
Nov.		10.4		93.4		330.5		89.3		77.2
Dec.		10.8		109.5		368.6		110.1		78.6
Year to date 3/	33.0	132.6	368.6	1,228.2	1,049.2	4,229.0	336.6	1,314.3	251.1	1,169.3

1/ "Milk Production," SRS.

2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbet.

3/ May not add due to rounding.

*SRS has cut back on the frequency of issue for the "Milk Production" and "Dairy Products" reports. These reports will be issued quarterly and will contain data for January-March, April-June, July-September, and October-December.

TABLE 23--AVERAGE RETAIL FOOD PRICES FOR SELECTED PRODUCTS, UNITED STATES CITY AVERAGE AND FOUR REGIONS, JANUARY 1982 TO DATE 1/

Region and month	Fresh milk <u>2/</u>			Butter <u>3/</u>	Ice cream <u>4/</u>	Yogurt <u>5/</u>
	Whole	Skim	Lowfat			
			
<u>Dollars</u>						
NORTHEAST						
Jan.	1.101	NA	1.078	1.986	2.497	.455
Feb.	1.106	1.024	1.076	1.979	2.414	.530
Mar.	1.106	NA	1.049	1.990	2.295	.519
Apr.	1.106	NA	1.058	1.986	2.286	.512
May	...					
June	...					
NORTH CENTRAL						
Jan.	1.110	.994	1.072	2.045	1.919	.547
Feb.	1.095	1.030	1.045	2.058	1.886	.552
Mar.	1.102	.975	1.040	2.078	1.895	.527
Apr.	1.103	1.008	1.051	2.093	1.975	.528
May	...					
June	...					
SOUTH						
Jan.	1.263	1.129	1.165	2.081	2.146	NA
Feb.	1.246	NA	1.156	2.103	2.052	NA
Mar.	1.245	NA	1.170	2.103	2.008	NA
Apr.	1.241	NA	1.179	2.119	2.009	NA
May	...					
June	...					
WEST						
Jan.	1.067	.875	1.023	1.937	2.050	NA
Feb.	1.067	.874	1.025	1.957	2.065	NA
Mar.	1.059	.868	1.029	1.990	2.161	NA
Apr.	1.059	.879	1.031	2.002	2.184	NA
May	...					
June	...					
U.S. Average						
Jan.	1.134	.988	1.072	2.019	2.128	NA
Feb.	1.130	.996	1.060	2.029	2.075	NA
Mar.	1.127	.965	1.057	2.040	2.061	.499
Apr.	1.127	.983	1.065	2.050	2.089	.499
May	...					
June	...					

NA-Not available.

1/ "Consumer Prices: Energy and food," BLS, U.S. Department of Labor. Regions are defined as the four census regions. According to BLS, average prices are best used to measure the price level in a particular month, not to measure price change over time. To measure change over time, the Consumer Price Index and its component indexes for individual items are more appropriate. The average food prices included in this table reflect variations in brand, quality, and size among geographic areas. BLS suggests that users of average food prices should be aware that these differences exist.

2/ Prices are per 1/2 gallon.

3/ Prices are per pound for Grade AA, salted, stick butter.

4/ Prices are per 1/2 gallon for prepackaged, bulk, regular.

5/ Prices are per 1/2 pint for natural, fruit flavored.

TABLE 24--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1982 TO DATE WITH COMPARISONS

Month	Storage Holdings 1/											
	Butter 2/				Total cheese 2/				Nonfat dry milk			
	Total				Total				Total			
	Commer-	Gov't			Commer-	Gov't			Commer-	Gov't		
	cial	1982	1982	3/	cial	1982	1982	4/	cial	1982	1982	5/
	1982	1982	3/		1982	1982	3/		1982	1982	6/	3/
<u>Mil. pounds</u>												
Jan.	59.2	371.1	430.3	332.1	460.2	251.5	711.7	601.7	87.7	820.5	908.2	580.1
Feb.	50.1	390.3	440.4	372.3	443.9	252.6	696.4	596.3	94.5	848.7	943.2	599.4
Mar.	44.9	400.4	445.3	407.4	450.2	273.3	723.4	591.1	94.4	881.2	975.6	632.5
Apr.	*	*	*	450.4	*	*	*	*	631.9	*	*	645.3
May				473.6					649.8			693.1
June				507.5					685.7			733.1
July				515.5					714.2			742.6
Aug.				515.6					720.9			806.1
Sept.				490.0					694.3			809.2
Oct.				470.0					682.4			835.9
Nov.				451.1					677.5			861.5
Dec.				429.2					709.6			889.7

1/ End of month.

2/ "Cold Storage Reports," SRS.

3/ May not add due to rounding.

4/ Data represent natural cheese only and do not include government holdings of processed cheese.

5/ "Dairy Products," SRS.

6/ "Summary of Processed Commodities in Store," Agricultural Stabilization and Conservation Service.

*SRS has cut back on the frequency of issue for the "Cold Storage" and "Dairy Products" reports. These reports will be issued quarterly and will contain end-of-month holdings in March, June, September, and December.

TABLE 25--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1982 TO DATE, WITH COMPARISONS

Month	Butter 1/				American cheese 1/				Nonfat dry milk 1/				Milk equivalent of net U.S.D.A. purchases 2/	
	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981	1982	1981		
<u>-1,000 pounds</u>													<u>Million pounds</u>	
Jan. 55,103 51,629 33,247 27,750 71,100 55,444 1,463 1,385 Feb. 56,719 49,259 39,115 43,839 71,883 60,686 1,555 1,451 Mar. 52,244 42,518 57,274 59,878 92,013 73,516 1,643 1,450 Apr. 44,480 46,692 67,343 70,384 95,020 87,423 1,610 1,660 May. 48,881 68,963 97,548 1,706 June. 31,371 76,993 102,407 1,439 July. 17,742 75,016 75,698 1,113 Aug. 12,066 34,035 70,021 581 Sept. 6,949 28,974 54,018 429 Oct. 23,494 27,672 65,286 756 Nov. 3,049 17,652 44,973 245 Dec. 17,857 28,550 64,297 648														
Year to date	208,546	351,507	3/196,979	4/ 559,706			330,016	851,317	5/ 6,271	6/ 12,863				

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 143,554 thousand pounds purchased in 500-pounds barrels, and 101 thousand pounds process cheese. Does not include 3,154 thousand pounds purchased as mozzarella cheese.

4/ Includes 255,155 thousand pounds purchased in 500-pounds barrels, and 180,702 thousand pounds purchased as process cheese, and includes 2,967 thousand pound purchased as 60-pounds block cheese. Does not include 12,130 thousand pounds purchased as mozzarella cheese.

5/ Includes 31 and 115 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

6/ Includes 40 and 120 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

ADJUSTING IN-AREA FLUID MILK SALES FOR CALENDAR COMPOSITION*

The trend in sales of fluid milk products is one of the more important statistics used to assess the current dairy situation. Tables 8 and 9 of this publication present sales of whole milk items, lowfat and skim milk items, and the total of these in marketing areas as geographically defined by each Federal milk order market. These sales figures reflect not only variation due to trend, but also variations due to seasonality, calendar composition, and randomness. The effect of seasonality is minimized by comparing monthly data for the current year with the same month of the previous year. Since the adjustment process described in this article removes most of the variation due to calendar composition, the adjusted sales data generated by this process can be used to measure trend.

Variation in sales data due to calendar composition results because the number of the types of days--Sundays, Mondays, etc.--that occur in a particular month vary from year to year. For example, in 1981, March had five Sundays, Mondays, and Tuesdays whereas in 1982, March had five Mondays, Tuesdays, and Wednesdays. In comparing the two months, 1981 had an extra Sunday and 1982 had an extra Wednesday. Since there is daily variation in fluid milk sales data, sales in March 1981 can be expected to be different than sales in March 1982, because sales on Sundays are different than sales on Wednesdays.

Therefore, the key to accounting for monthly calendar variation in fluid milk sales lies in estimating day-to-day variation during the week. A procedure called the 31-30 Day Difference Method was used to develop a set of daily weights which eliminate most of the variation due to calendar composition. 1/ These weights are shown in Table A.

TABLE A--INDEX OF DAILY VARIATION IN WEEKLY IN-AREA SALES

<u>Days</u>	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
Sunday	0.1000	0.1062	0.1342
Monday	1.3686	1.2010	1.2958
Tuesday	1.1365	1.1447	1.1301
Wednesday	.8455	.9983	.9114
Thursday	1.1536	.9844	1.0955
Friday	1.4061	1.3096	1.3500
Saturday	.9897	1.2558	1.0830

These indexes show how sales on a particular day of the week compare to an average sales day. For example, sales of whole milk items on a Sunday are 10 percent of an average sales day whereas sales on a Friday are 140.61 percent of an average sales day.

1/ For a more detailed description of the procedure see FMOS-134, issued April 1971.

MONTHLY ADJUSTMENT FACTORS

To derive factors for adjusting monthly data, the sum of the daily weights for each type of month 2/ was divided by the number of days in that month. For example, a 31-day month beginning on a Sunday has a total weight of 30.4520 for lowfat and skim milk items which when divided by 31.0, yields an adjustment factor of 0.9823. The adjustment factors for the other types of months are shown in Table B.

TABLE B--FACTORS FOR ADJUSTING MONTHLY IN-AREA SALES FOR VARIATIONS DUE TO CALENDAR COMPOSITION

Adjustment factors

First Day	:		Lowfat and skim milk items		:		Total fluid milk items	
	Whole milk items		:		31-day months		30-day months	
	31-day	30-day	months	months	31-day	30-day	months	months
Sunday	:	0.9873	0.9823	0.9823	0.9769	0.9858	0.9810	
Monday	:	1.0113	1.0168	1.0111	1.0115	1.0109	1.0142	
Tuesday	:	1.0044	.9994	1.0041	1.0048	1.0044	1.0014	
Wednesday	:	1.0131	1.0000	1.0094	.9994	1.0115	1.0002	
Thursday	:	1.0177	1.0186	1.0178	1.0098	1.0171	1.0149	
Friday	:	.9837	1.0132	.9894	1.0189	.9860	1.0144	
Saturday	:	.9825	.9697	.9859	.9787	.9843	.9739	

The adjustment factor for all 28-day Februarys is 1.0000. The above factors may be applied either to total monthly sales or daily average sales.

These adjustment factors reflect how sales in a particular type of month compare to sales in a month in which all the days are average sales days. For example, since the adjustment factor for a 31-day month beginning on a Sunday for total fluid milk items is 0.9858, sales of these items during such a month are lower than during an average-sales-day month. Therefore, sales during such a month need to be adjusted upward before comparisons to a previous year can be made on a comparable basis. Monthly in-area sales are adjusted to a comparable year-to-year basis by dividing the reported sales by the respective adjustment factor. Table C provides a convenient means of finding the factors applicable to any specific month from 1981-83. Table C is shown on the next page.

A word of caution: The daily weights and the monthly adjustment factors derived from them were based on in-area sales of whole milk items, lowfat and skim milk items, and the total of these in the combined marketing areas. They are intended to apply only to combined market sales data. They may not be the best weights and adjustment factors to apply to individual market data or to individual products.

2/ The type of month can vary depending on which day the month begins and how many days are in the month.

<u>Month</u>	<u>Total fluid milk items</u>		
	<u>1981</u>	<u>1982</u>	<u>1983</u>
January	1.0171	0.9860	0.9843
February	1.0000	1.0000	1.0000
March	.9858	1.0109	1.0044
April	1.0002	1.0149	1.0144
May	.9860	.9843	.9858
June	1.0142	1.0014	1.0002
July	1.0115	1.0171	.9860
August	.9843	.9858	1.0109
September	1.0014	1.0002	1.0149
October	1.0171	.9860	.9843
November	.9810	1.0142	1.0014
December	1.0044	1.0115	1.0171
<u>Year</u>	<u>1.0003</u>	<u>1.0010</u>	<u>1.0002</u>

COMPARING SALES IN DIFFERENT MONTHS

A further application of calendar composition adjustment factors is in comparing in-area sales in different months of the same or different years. To accomplish this, it is necessary to employ seasonal indexes as well as calendar composition adjustment factors. Such indexes based on seasonal patterns of the last 10 years are given in Table D. These seasonal indexes are shown two ways: (1) based on daily average sales, which presents a truer depiction of seasonal variations, and (2) based on total sales, which takes into account the number of days in the month.

TABLE D--SEASONAL INDEXES OF IN-AREA SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS AND THE TOTAL OF THESE, BASED ON DATA FOR 1972 THROUGH 1981

Month	Whole milk items		Lowfat and skim milk items		Total fluid milk items	
	Daily avg.	Total sales	Daily avg.	Total sales	Daily avg.	Total sales
	sales	sales	sales	sales	sales	sales
January	: 1.0425	1.0627	1.0466	1.0671	1.0443	1.0647
February	: 1.0311	.9494	1.0476	.9647	1.0374	.9553
March	: 1.0233	1.0432	1.0423	1.0627	1.0306	1.0507
April	: 1.0011	.9876	1.0203	1.0067	1.0084	.9948
May	: .9851	1.0043	.9917	1.0111	.9880	1.0073
June	: .9317	.9192	.9246	.9123	.9275	.9150
July	: .9157	.9335	.9032	.9208	.9093	.9271
August	: .9596	.9782	.9423	.9607	.9519	.9705
September	: 1.0314	1.0175	1.0230	1.0094	1.0294	1.0155
October	: 1.0392	1.0594	1.0342	1.0545	1.0385	1.0587
November	: 1.0332	1.0193	1.0292	1.0155	1.0325	1.0186
December	: 1.0061	1.0257	.9950	1.0145	1.0022	1.0218

An explanation of the 31-30 Day Difference Method and an evaluation of the weights obtained are contained in an informal Dairy Division report entitled "Adjusting In-Area Fluid Milk Sales Data for Calendar Composition." You can obtain a copy of this report by writing to the Chief, Market Information Branch, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, DC 20250.

TABLE C--FACTORS FOR ADJUSTING IN-AREA SALES OF WHOLE MILK, LOWFAT AND SKIM MILK ITEMS, AND TOTAL OF THESE FOR CALENDAR COMPOSITION, BY MONTHS, 1981 THROUGH 1983

<u>Month</u>	<u>Whole milk items</u>		
	<u>Adjustment factors</u>		
	<u>1981</u>	<u>1982</u>	<u>1983</u>
January	1.0177	0.9837	0.9825
February	1.0000	1.0000	1.0000
March	.9873	1.0113	1.0044
April	1.0000	1.0186	1.0132
May	.9837	.9825	.9873
June	1.0168	.9994	1.0000
July	1.0131	1.0177	.9837
August	.9825	.9873	1.0113
September	.9994	1.0000	1.0186
October	1.0177	.9837	.9825
November	.9823	1.0168	.9994
December	1.0044	1.0131	1.0177
<u>Year</u>	<u>1.0004</u>	<u>1.0011</u>	<u>1.0000</u>
<u>Month</u>	<u>Lowfat and skim milk items</u>		
	<u>Adjustment factors</u>		
	<u>1981</u>	<u>1982</u>	<u>1983</u>
January	1.0178	0.9894	0.9859
February	1.0000	1.0000	1.0000
March	.9823	1.0111	1.0041
April	.9994	1.0098	1.0189
May	.9894	.9859	.9823
June	1.0115	1.0048	.9994
July	1.0094	1.0178	.9894
August	.9859	.9823	1.0111
September	1.0048	.9994	1.0098
October	1.0178	.9894	.9859
November	.9769	1.0115	1.0048
December	1.0041	1.0094	1.0178
<u>Year</u>	<u>1.0000</u>	<u>1.0008</u>	<u>1.0007</u>

In order to compare sales in two different months of the same or different years, it is necessary to divide the sales figures by the respective seasonal factors and then by the appropriate calendar composition factors. The two adjusted sales figures can then be compared directly and any difference would reflect only the effects of trend and random variation.

For example, how do January 1982 in-area sales of total fluid milk items compare with sales of these items in March 1982? The procedure is as follows:

(1) For January 1982:

- a. divide in-area sales by the January seasonal factor
2,971 divided by 1.0647 = 2,790 million pounds
- b. divide by the January 1982 calendar composition factor
2,790 divided by 0.9860 = 2,830 million pounds

(2) For March 1982:

- a. divide in-area sales by the March seasonal factor
3,008 divided by 1.0507 = 2,863 million pounds
- b. divide by the March 1982 calendar composition factor
2,857 divided by 1.0109 = 2,832 million pounds

Comparing the adjusted sales figures for January 1982, 2,830 million pounds, to the adjusted figure for March 1982, 2,832 million pounds, indicated a slight increase in sales between the two months.

A word of caution: The seasonal indexes, like the monthly adjustment factors, are based on in-area sales for combined markets and may not be the best index to apply to individual market data or to individual products within the groups. Also the procedure for comparing sales is only applicable to sales for the same group of markets.

* Prepared by John Rourke, agricultural marketing specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS 268, April 1982 Summary.

The Minnesota-Wisconsin Manufacturing Grade Milk Price Series*

The Minnesota-Wisconsin manufacturing grade milk price series (M-W price) is the basic price used to establish class prices under Federal milk orders. In all markets, the Class I price is the M-W price plus a fixed differential specified in the order. Prices for producer milk used in classes other than Class I are related to the M-W price either by means of a product price formula that updates this price, the addition of a small fixed differential, or use of the price itself. The Statistical Reporting Service (SRS) of the U.S. Department of Agriculture recently released a report 1/ that describes this M-W price. Following is a description of the M-W price based on that report.

The M-W price is published by SRS and the Dairy Market News Service around the fifth of the following month. Data needed for the preparation of the M-W price are collected by the offices of the SRS Federal-State Agricultural Statisticians in Minnesota and Wisconsin. The data come from regularly scheduled monthly reports submitted by plants receiving manufacturing grade milk. After the data are summarized and analyzed by the Federal-State Statisticians, they are forwarded to Washington, D.C. for final review by the SRS Crop Reporting Board and consolidation into the two-State average price and test.

The M-W price estimate is the average price for all milk of manufacturing grade delivered in bulk tanks and in cans f.o.b. plant or receiving station, before hauling costs are deducted. It includes bulk-tank, quantity, or other premiums paid to producers, but excludes hauling subsidies. The estimates relate only to manufacturing grade milk purchased from farmers and do not include Grade A milk diverted to manufacturing uses. The price estimates for a given month are derived from two factors: (1) Estimated average price for the base month, which is the month preceding that to which the M-W price estimate relates, and (2) Estimate of change from the base month to the month to which the M-W price estimate relates.

The base-month price and test are determined from reports from about 175 plants in Wisconsin and 100 in Minnesota. These 275 plants are distributed geographically over both States and represent all of the major types of processing plants using manufacturing-grade milk. These plants purchase approximately 60 percent of all manufacturing-grade milk sold in the two States. Plants report total pounds of manufacturing-grade milk received from producers, total pounds of milkfat in the milk, and total dollars paid to producers. The estimated monthly prices and fat tests for each State are weighted together by the total quantity of manufacturing-grade milk purchased from farmers in each State to form the base-month price and test.

The estimate of change from the base month to the month to which the M-W price estimate relates is based on reports from a sample of 110 plants selected in the two States (about 40 plants in Minnesota and 70 in Wisconsin). These plants are classified into three major product groups according to the proportion of manufacturing-grade milk purchased for cheese, for butter and its by-products, and for varied products. In both Minnesota and Wisconsin, the varied-products consists mostly of plants which make butter, cheese, or other products in such proportions that they cannot be clearly classified in any one specific group, such as primarily buttermaking plants or cheesemaking plants. In Minnesota during 1981, the cheese group accounted for 64 percent of all manufacturing-grade milk in the State, butter and by-products, 25 percent, and the varied-products group, 11 percent. The proportion of manufacturing-grade milk in Wisconsin purchased in 1981 by each product group was: cheese, 88 percent; butter and by-products, 2 percent; and varied products, 10 percent.

Data for the M-W price series are collected from the 110-plant sample, using a questionnaire mailed near the close of each month. This inquiry obtains information for the base month and for the first half of the succeeding month relating to: (1) quantity of manufacturing-grade milk purchased, (2) quantity of fat included, (3) dollars paid, (4) average price at average test, and (5) related information, such as quantities purchased in bulk and in cans, the base price for milk with 3.5 percent fat, and point differentials for varying amounts of fat. Space also is provided on the inquiry for the plant manager's best estimate of the average fat test and milk price for the last half of the month to which the M-W estimate relates.

For each state, the price and milkfat test data reported for each product group--cheese, butter, and varied products--are weighted by the proportion of manufacturing grade milk purchased by each group to obtain the monthly manufacturing-grade average price and milkfat estimate. The reports from the 110-plant sample also are evaluated in terms of changes from the base month in wholesale prices of manufactured dairy products and historical price and fat-test relationships. Estimated changes in price and fat-test are applied to the State average for the base month to estimate price and fat-test for each State for the month to which the estimate relates.

SRS computes a final two-State estimate of the M-W price based on reports from all¹ the manufacturing-grade milk plants in each State. Table A presents a comparison of the M-W price to the final two-State estimate for 1979 through 1981. During 1981, the final two-State estimate averaged 0.5 cents above the M-W price and ranged from 6 cents below to five cents above the M-W price.

* Prepared by John P. Rourke, agricultural marketing specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS-269, May 1982 Summary.

1/ "Prices Received by Farmers: Minnesota-Wisconsin Manufacturing Grade Milk Price Series and Final Two-State Estimates for 1979-1981." Copies of this report are available upon request.

TABLE A--COMPARISON OF MINNESOTA-WISCONSIN MANUFACTURING GRADE MILK PRICE PER HUNDREDWEIGHT WITH FINAL TWO-STATE ESTIMATED PRICE, FOR MILK OF 3.5 PERCENT MILKFAT CONTENT, BY MONTHS, 1979-81 1/

YEAR AND MONTH	MINNESOTA- WISCONSIN SERIES	FINAL TWO-STATE ESTIMATES	DIFFERENCE
<u>DOLLARS</u>			
<u>1979</u>			
January	10.55	10.60	+.05
February	10.52	10.53	+.01
March	10.59	10.61	+.02
April	10.63	10.67	+.04
May	10.67	10.69	+.02
June	10.76	10.72	-.04
July	10.87	10.85	-.02
August	11.09	11.18	+.09
September	11.43	11.34	+.02
October	11.25	11.32	+.07
November	11.27	11.29	+.02
December	11.34	11.31	-.03
Simple Average	10.9050	10.9258	+.0208
<u>1980</u>			
January	11.37	11.34	-.03
February	11.35	11.38	+.03
March	11.59	11.52	-.07
April	11.68	11.61	-.07
May	11.66	11.65	-.01
June	11.68	11.68	0
July	11.73	11.71	-.02
August	11.86	11.85	-.01
September	12.07	12.14	+.07
October	12.42	12.43	+.01
November	12.52	12.57	+.05
December	12.61	12.64	+.03
Simple Average	11.8783	11.8767	-.0016
<u>1981</u>			
January	12.64	12.66	+.02
February	12.66	12.67	+.01
March	12.67	12.65	-.02
April	12.64	12.63	-.01
May	12.61	12.61	0
June	12.59	12.56	-.03
July	12.53	12.47	-.06
August	12.47	12.49	+.02
September	12.46	12.50	+.04
October	12.52	12.57	+.05
November	12.52	12.57	+.05
December	12.56	12.55	-.01
Simple Average	12.5725	12.5775	-.0050
36-Month Simple Average	11.7853	11.7933	+.0080

1/ Prices have been converted from the average milkfat test to 3.5 percent using the milkfat differential specified in Federal orders (Chicago Grade A Butter price X 0.120).

MEASURES OF GROWTH IN FEDERAL MILK ORDER MARKETS, 1947-81

- * Data not available.

1/ End of year. (Date on which pricing provisions became effective.)
2/ End of year. 1951-59, 1960-70, 1971-79, 1980 and 1981 according to

According to the above, the following conclusions can be drawn: (1) the number of patients with primary hypertension in our country is about 100 million, and the number of patients with secondary hypertension is about 10 million.

3/ Average for year.
4/ Prices are simple averages for 1947-61 and weighted averages for 1962-81.

New Order:

Alabama-West Florida - April 1 (47 FR 11495). The provisions effective in April, which are summarized below, include such areas as definitions, pooling requirements, handler reports, and classification provisions. The rest of the order, which includes pricing and payment provisions, becomes effective on May 1, and will be summarized in the "Major Order Actions" for May. The number given to the new order is 93.

The Alabama-West Florida marketing area includes all the area within the State of Alabama and the four western Florida counties of Escambia, Okaloosa, Santa Rose, and Walton.

A pool distributing plant must have a total route disposition equal to 50 percent or more of its receipts from all sources of Grade A fluid milk products that are physically received at the plant or diverted to nonpool plants. The route disposition in the marketing area is at least the lesser of a daily average of 1,500 pounds or 10 percent of such receipts. A plant that has greater route disposition under another Federal order but still meets the requirements of this order as well as such other order shall continue to be pooled under this order until the third consecutive month in which it has greater disposition under the other order. Also, a plant that was pooled under another order and continues to meet pooling requirements of that order will continue to be pooled under that order even though it has greater route disposition under this order.

A pool supply plant is required to transfer at least 70 percent of its total receipts from dairy farmers (including milk diverted to nonpool plants) to pool distributing plants in each of the months of September through January, and 50 percent of such receipts in each of the months of February through August. A supply plant that meets the requirements for this order and another Federal order but has greater shipments to pool distributing plants under the other order shall be pooled under the other order. Also, a plant that qualifies automatically under another order is not a pool plant under this order, even though it may have greater shipments to this order.

A balancing plant operated by a cooperative association qualifies for pool plant status if the milk of members of the cooperative is delivered directly to pool distributing plants or transferred to such plants from the cooperative's plant. The deliveries must equal at least 70 percent of the total producer milk of members of the cooperative in each of the months of September through January and 50 percent in the months of February through August. In addition, the plant must not qualify as a distributing plant or supply plant under this or another Federal order, and the plant is approved to handle Grade A milk.

A producer-handler is a person who operates a dairy farm and a distributing plant from which there is route disposition within the marketing area. The management and operation are the personal enterprise and risk of the person. The sources of milk supply are limited to own production, pool plants and other order plants. In addition, he disposes of no other source milk as Class I milk except by increasing the nonfat milk solids content of fluid milk products received from own production, pool plants, and other order plants.

In order for a producer's milk to be eligible for diversion, four days' production must be physically received at a pool plant during each of the months of February through August, and 10 days' production during September through January.

The total quantity of milk diverted during any month by a cooperative association or pool plant operator cannot exceed 30 percent of the milk physically received at pool plants.

Three classes of utilization are established which are the same as those adopted in the "uniform classification" decision in 1974. Class I is fluid milk products. Class II includes soft manufactured products such as fluid cream products, frozen desserts, cottage cheese, eggnog, and yogurt. Class III consists of the hard manufactured products such as cheese, butter, nonfat dry milk, and evaporated or condensed milk.

The provisions for shrinkage are similar to those for most other Federal orders. There is an allowance of 0.5 percent on receiving operations and 1.5 percent on processing operations.

The report of receipts and utilization by handlers is due on the 7th day of the following month.

Payroll reports by handlers are due on the 20th day after the end of the month.

The order provides for marketwide pooling. Cooperative associations may pool both direct shipped milk and diverted producer milk. The basis for accounting is an individual plant system.

Amendments:

Lake Mead - April 1 (47 FR 7203). This action removes the requirement that 52 days' milk production of a producer be received at a supply plant during January and February if the producer wishes to deliver to the same plant in the following March through July period and have his milk pooled.

The classification of milkshake and ice milk mixes (or bases) containing 20 percent or more total solids, frozen desserts, and frozen dessert mixes is changed from Class III milk to Class II milk.

The order is amended to provide for a single butterfat differential for use in adjusting prices. This differential is the wholesale Chicago Grade A (92-score) bulk butter price multiplied by 0.115.

Memphis, Fort Smith, and Central Arkansas - May 1 (47 FR 8319). The rate of partial payments to producers under each of the three orders is increased \$1.00 per hundredweight during the months of August through February. In addition, deductions authorized by producers are permitted on partial payments under each order.

Each of the three orders has a charge on overdue obligations of a handler. The charge is at the rate of 1 percent per month and applies on the day following the date the obligation is due. All late-payment charges accrue to the administrative expense funds of the order.

In both the Central Arkansas and Memphis orders, the due date for payments by handlers to the producer-settlement fund is changed from the 12th to the 14th of the following month.

The due date in the Central Arkansas market for payments by the market administrator from the producer-settlement fund is changed from the 13th to the 15th.

For the Central Arkansas order, the date for final payment by handlers to cooperative associations is changed from the 13th to the 15th, and the date for payment direct to producers is changed from the 15th to the 17th.

In the Memphis order, the market administrator makes the payments to producers. The date for final payment to cooperative associations is changed from the 13th to the 15th, and the date for final payment directly to producers is moved from the 15th to the 16th. The date that the partial payment from handlers is due to the market administrator is changed from the 25th of the month to the 2nd day prior to the last day of the month. This allows the market administrator to make the partial payment to cooperative associations on the day prior to the end of the month, and directly to producers by the last day of the month.

Under the Fort Smith and Central Arkansas orders, new provisions have been added relating to handlers who are late in paying their obligations. Any handler who is more than three days late in the payment of any obligation under the order must make all order obligation payments to the market administrator who, in turn, makes payments to producers and cooperative associations. The handler is required to make such payments to the market administrator for three consecutive months before he is permitted to again make payments directly to producers and cooperative associations. Since the handler payments are channeled through the market administrator, the due date for all these obligations is the day prior to the date that the payments would otherwise be due.

The maximum assessment rate for administration of the orders is raised from 4 cents to 6 cents per hundredweight in each of the three orders.

In the Fort Smith and Central Arkansas orders, the maximum assessment rate for marketing services is raised from 5 cents to 7 cents per hundredweight.

In the Central Arkansas order, the Director of the Dairy Division is authorized to temporarily increase or decrease the minimum supply plant shipping percentage by up to 10 percentage points in order to obtain needed shipments or prevent uneconomic shipments. In addition, the month of September is added to the qualifying months during which supply plants must ship to pool distributing plants in order to automatically qualify for pool status during the following months of February through August.

A supply plant that has automatic pooling status under another Federal order is not a pool plant under this order, even though it meets the performance standards for this order.

In the Central Arkansas order, the diversion limitations are revised to require that at least one day's production of a producer must be physically received at a pool plant each month in order for his milk to be eligible for diversion. Also, during each of the months of September through January, diversions by cooperative associations and proprietary plants cannot exceed one-half of the milk physically received at pool plants during the month. During each of the months of February through August, diversions are limited to the quantity of milk physically received at pool plants.

The pricing point of diverted milk is at the plant to which it is diverted.

Location adjustments under the Central Arkansas order are revised to provide for a no location adjustment zone which includes a band of 40 Arkansas counties running across the central part of Arkansas. Also included in the no location zone are plants located in Oklahoma or Tennessee. For plants located in Arkansas south of the no location zone or in the States of Louisiana, Mississippi, or Texas, the adjustment is plus 1.5 cents per hundredweight for each 10 miles or fraction thereof between the plant and the nearer of Forrest City or Little Rock, Arkansas if the plant is more than 60 miles from the nearest basing point. For all other plants located more than 60 miles from the nearer of Forrest City or Little Rock, the adjustment is computed at the rate of minus 1.5 cents per hundredweight for each 10 miles or fraction thereof.

The definition of producer milk in the Central Arkansas order is revised to provide that milk picked up by a handler at the farm in a bulk tank truck but not received at the pool plant until the next month is considered producer milk in the month in which it is picked up. Previously, it was considered a receipt in the month in which it was received at the plant.

The announcement of the uniform price under the Memphis order is changed from the 13th to the 11th day of the succeeding month. Under the Fort Smith order, the uniform price announcement is moved from the 12th to the 11th.

Suspensions:

Lake Mead - April 21 (47 FR 17036). This action removes for the months of April through August 1982, the limits on the amount of milk that a cooperative association or other handlers may divert to nonpool plants.

Middle Atlantic - April 29 (47 FR 18322). This action suspends for the period April through August 1982, the requirement that a distributing plant dispose of 30 percent of its receipts as Class I milk in order to be pooled.

Oklahoma Metropolitan - April 21 (47 FR 17035). This action reduces for the months of April and May 1982, the amount of milk that supply plants must ship to distributing plants to qualify as a pool plant. A supply plant only needs to make one shipment to qualify.

The limitations on diversions of producer milk also are removed for this period.

Southern Illinois - April 16 (47 FR 16315). This action removes for the month of April 1982, the limits on the amount of milk that may be diverted to nonpool plants.

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